STUDY ON FARM MANAGEMENT AND COST OF PRODUCTION OF CROPS
WEST BENGAL

VOLUME V

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PREFACE

The present volume is the fifth issue of the series "Study on Farm Management and Cost of Production of Crops—West Bengal" based on the agro-econonomic enquiry undertaken by the Socio-economic and Evaluation Branch of the Department of Agriculture & Community Development.

The results published in this volume relate to one hundred and twenty farms which received scientific advice and investment in the year 1964-65.

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INTRODUCTION

The study on the "Farm Management and Cost of Production of Crops" continued during 1964-65. 15 villages representing one half of the total number of villages under study continued to receive the extension advice and investment and were thus "treated". The present report gives the results of investigation in the 15 treated villages, comprising the income and expenditure statement, and cost of production figures for seven important crops viz. Aus Paddy, Aman Paddy, Jute, Mesta, Sugarcane, Potato and Wheat.

Changes in cultivable land owned

In conformity with the trend observed in 1963-64, in good number of cases there have been changes in the quanta of cultivable land owned. But, on the whole, lesser number of changes appear to have taken place than previous year.

Table I Showing changes in cultivable land owned from 1963-64 to 1964-65

		Cultivable land owned		Change in land over two years for					
Village	No. of Holding	1963-64	1964-65	Purchase (+)	Sale (—)	Recovey from mortgage (+)	Land recla-mation (+)	Land mortgaged (—)	Others (+or—)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				Burdwan Centre					
Jotram	I	1·81	1·81	—	—	—	—	—	—
	II	5·97	5·55	—	—	—	—	—	–0·42
	III	1·78	1·76	—	—	—	—	—	–0·02
	IV	4·60	4·60	—	—	—	—	—	—
	V	3·82	3·82	—	—	—	—	—	—
	VI	4·78	4·78	—	—	—	—	—	—
	VII	6·45	6·99	—	—	—	0·54	—	—
	VIII	2·57	3·26	—	—	—	0·69	—	—
Chaknara	I	2·33	2·33	—	—	—	—	—	—
	II	2·10	2·10	—	—	—	—	—	—
	III	5·25	5·25	—	—	—	—	—	—
	IV	5·34	5·34	—	—	—	—	—	—
	V	4·83	5·00	—	—	—	—	—	+0·17
	VI	5·53	5·73	0·20	—	—	—	—	—
	VII	7·69	8·38	0·69	—	—	—	—	—
	VIII	12·17	12·07	—	0·10	—	—	—	—
Mandalhat	I	9·69	9·69	—	—	—	—	—	—
	II	4·16	4·30	0·40	0·26	—	—	—	—
	III	2·31	2·96	0·65	—	—	—	—	—
	IV	6·52	6·02	0·42	0·47	—	—	—	–0·45
	V	3·06	3·30	0·34	—	—	—	—	–0·10
	VI	1·64	2·06	0·61	—	—	—	—	–0·19
	VII	3·44	3·55	0·52	—	—	—	—	–0·41
	VIII	1·31	1·21	—	—	—	—	—	–0·10

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Chinsurah Centre									
Rangapara	I	9·21	9·75	0·63	—	—	—	—	-0·09
	II	7·60	8·32	0·72	—	—	—	—	—
	III	3·40	1·64	—	—	—	—	—	-1·76
	IV	4·32	3·00	—	0·31	—	—	1·01	—
	V	6·26	6·31	—	—	—	0·05	—	—
	VI	3·76	3·78	—	—	—	0·02	—	—
	VII	4·01	4·78	0·31	—	—	—	—	+0·46
	VIII	1·71	1·71	—	—	—	—	—	—
Goswamimali-para	I	10·48	10·48	—	—	—	—	—	—
	II	9·81	9·81	—	—	—	—	—	—
	III	7·54	7·54	—	—	—	—	—	—
	IV	5·99	5·99	—	—	—	—	—	—
	V	5·10	5·10	—	—	—	—	—	—
	VI	4·99	4·99	—	—	—	—	—	—
	VII	4·41	4·41	—	—	—	—	—	—
	VIII	2·52	2·52	—	—	—	—	—	—
Basudevpur	I	9·27	9·27	—	—	—	—	—	—
	II	6·72	6·72	—	—	—	—	—	—
	III	4·18	4·18	—	—	—	—	—	—
	IV	5·60	5·60	—	—	—	—	—	—
	V	4·36	4·36	—	—	—	—	—	—
	VI	2·04	2·04	—	—	—	—	—	—
	VII	3·51	3·34	—	—	—	—	—	-0·17
	VIII	0·81	0·81	—	—	—	—	—	—
Santiniketan Centre									
Abinashpur	I	6·35	6·35	—	—	—	—	—	—
	II	5·77	5·77	—	—	—	—	—	—
	III	1·82	1·82	—	—	—	—	—	—
	IV	4·07	4·07	—	—	—	—	—	—
	V	1·72	1·72	—	—	—	—	—	—
	VI	4·96	4·96	—	—	—	—	—	—
	VII	15·02	15·02	—	—	—	—	—	—
	VIII	5·53	5·53	—	—	—	—	—	—
Nanoor	I	2·98	2·98	—	—	—	—	—	—
	II	4·27	4·27	—	—	—	—	—	—
	III	5·51	5·51	—	—	—	—	—	—
	IV	6·53	6·53	—	—	—	—	—	—
	V	7·41	8·19	0·78	—	—	—	—	—
	VI	8·24	8·62	0·38	—	—	—	—	—
	VII	9·45	9·45	—	—	—	—	—	—
	VIII	13·57	13·57	—	—	—	—	—	—
Kalikapur	I	3·21	3·21	—	—	—	—	—	—
	II	5·62	5·62	—	—	—	—	—	—
	III	4·90	4·90	—	—	—	—	—	—
	IV	5·09	5·09	—	—	—	—	—	—
	V	6·18	6·18	—	—	—	—	—	—
	VI	9·11	9·12	—	—	—	—	—	+0·01
	VII	8·57	8·57	—	—	—	—	—	—
	VIII	12·53	12·53	—	—	—	—	—	—

Table I—Contd.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(I0)
				Baraset Centre					
Anarbaria	I	9·59	10·36	0·68	—	—	—	—	+0·09
	II	8·55	8·55	—	—	—	—	—	—
	III	4·45	4·45	—	—	—	—	—	—
	IV	5·92	5·92	—	—	—	—	—	—
	V	3·19	3·11	—	—	—	—	—	-0·08
	VI	5·26	5·26	—	—	—	—	—	—
	VII	2·52	2·52	—	—	—	—	—	—
	VIII	2·03	2·03	—	—	—	—	—	—
Mandalpara	I	6·34	6·65	0·31	—	—	—	—	—
	II	5·18	5·18	—	—	—	—	—	—
	III	3·73	3·73	—	—	—	—	—	—
	IV	4·34	4·63	0·40	—	0·10	—	—	-0.21
	V	8·20	8·20	—	—	—	—	—	—
	VI	3·26	3·59	0·33	—	—	—	—	—
	VII	4·95	5·15	—	-	0·24	0·06	—	-0·10
	VIII	3·26	3·50	—	—	—	0·01	—	+0·23
Tegharia	I	3·84	4·56	0·26	—	—	—	—	+0·46
	II	8·07	8·66	—	—	—	—	—	+0·59
	III	6·97	6·87	—	—	—	—	—	+0·10
	IV	2·12	2·12	—	—	—	—	—	—
	V	5·28	5·28	—	—	—	—	—	—
	VI	7·34	7·51	0·17	—	—	—	—	—
	VII	2·85	3·03	—	—	—	—	—	+0.18
	VIII	6·90	6·90	—	—	—	—	—	—
				Krishnanagar Centre					
Baincha	I	3·00	3·00	—	—	—	—	—	—
	II	5·64	5·64	—	-	—	—	—	—
	III	3·57	3·57	—	—	—	—	-	—
	IV	6·32	5·65	—	1.16	—	0·49	—	—
	V	1·82	1·82	—	—	—	—	—	—
	VI	4·77	2·93	0·33	2·17	—	—	—	—
	VII	3·36	3·03	—	0 33	—	—	—	—
	VIII	12·28	12·28	—	—	—	—	—	—
Paschim Bhatjungla	I	1·15	1·15	—	—	—	—	—	—
	II	4·68	4·68	—	—	—	—	—	—
	III	4·91	4·91	—	—	—	—	—	—
	IV	5·00	5·00	—	—	—	—	—	—
	V	4·04	4·04	—	—	-	—	—	—
	VI	8·31	10·57	2·26	—	—	—	—	—
	VII	9·27	9·27	—	—	—	—	—	—
	VIII	8·93	8·93	—	—	—	—	—	—
Assannagore	I *	1·66	3·08	—	—	—	—	—	—
	II	0·33	0·33	—	—	—	—	—	—
	III	5·51	5·92	0 92	0·51	—	—	—	—
	IV	2·59	2·66	—	—	—	0·07	—	—
	V	4·36	5·86	1 83	—	—	—	—	-0·33
	VI	6·34	5·89	—	—	—	—	—	-0·45
	VII	6·31	6·31	—	—	—	—	—	—
	VIII	17·66	19·24	1·16	—	—	—	—	+0·42

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* Holding No. 1 of Assannagore of 1963-64 did not continue his farming in 1964-65. As such a new farm was selected.

Of the 24 farms under study in Burdwan centre there have been in all 15 changes, of which 10 show increaese. Of the 24 farms under study in Chinsurah centre there have been changes in 8 including 5 showing increase in quanta of land. A noteworthy feature is that in more intensely cropped villages like Goswami-malipara and Basudevpur there was only one change. There have been 3 cases of change in 24 farms studied in Santiniketan centre and all recorded increase. Of the 24 farms studied in Baraset centre in all 12 farms showed changes out of which 10 recorded increase in quanta of land owned. There have been 9 changes among 24 cases studied in Krishnanagar centre with 5 farms recording increase.

As in the previous year, changes in size of the farm land owned took place for various reasons viz. purchase, sale, inheritence, recovery from mortgage, giving away to mortgage, land reclamation etc. Of the 120 farms studied in all the centres, as many as 22 farms increased their quanta of land by purchase, 2 by recovery from mortage, 7 by reclamation of land, 10 by various other reasons.
One farm only mortgaged land.

Expense and Income

Table 2 gives the summary of Actual Farm Expenditure and Receipts, Farmer's Earning on different counts and Farm Bussiness Income for each of the 120 treated farms.

Table. : II Showing the economic position of treated farms in 1964-65.

Village	No. of Holding	Size of Holding (acres)	Actual Farm Receipts (Rs.)	Total Farm Expenses (Rs.)	Farm Earning (Rs.)	Farmer's Earning			Farm Business Income (Rs.)
						On Management (Rs.)	On Family Labour (Rs.)	On Capital Investment (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
				Burdwan Centre					
Jotram	I	1·87	1926·09	1555·25	370·84	509·66	846·84	660·55	1275·47
	II	4·97	5983·53	3255·05	2728·48	3157·83	2860·98	3397·61	3959·4
	III	6·09	4806·56	3182·49	1624·07	2087·78	1688·07	2003·91	2531·62
	IV	6·03	5791·39	3696·99	2094·40	2552·65	2374·40	2876·59	3614·84
	V	0·99	803·75	393·19	410·56	466·82	410·56	557·47	613·73
	VI	7·47	6014·74	3744·17	2270·57	2768·54	2288·07	3009·73	3525·20
	VII	6·98	6559·21	4028·70	2530·51	3005·06	2530·51	3618·19	4092·74
	VIII	9·22	6652·54	4555·62	2096·92	2750·91	2371·92	2608·25	3537·24
Chaknara	I	6·22	8581·46	4582·90	3998·56	4724·00	4594·99	4368·14	5690·01
	II	2·31	2100·17	1114·88	985·29	1139·40	1173·26	1275·73	1617·81
	III	9·34	12941·87	6853·39	6088·48	7198·50	6553·64	6872·14	8447·32
	IV	5·97	8440·33	4579·45	3860·88	4470·28	4268·02	4669·43	5685·97
	V	5·35	10562·04	5481·42	5080·62	5856·74	5840·35	5831·70	7367·55
	VI	5·93	11963·08	6104·39	5858·69	6721·36	6132·07	6725·37	7861·42
	VII	13·11	23874·97	10794·26	13080·71	14889·54	13821·04	14480·60	17029·76
	VIII	11·87	15111·54	8869·16	6242·38	7296·48	6291·84	7938·15	9041·71
Mandalhat	I	14·54	14668·78	11038·70	3630·08	4765·91	4702·14	5731·44	7938·43
	II	7·16	4689·99	4742·87	—52·88	336·36	1136·94	871·00	2450·06
	III	8·63	4196·44	5232·49	-1036·05	-641·30	-224·62	-368·87	837·31
	IV	9·27	5573·55	5808·41	-234·86	209·19	62·75	1083·99	1825·65
	V	6·30	6296·36	5725·58	570·78	1030·64	1488·67	1317·25	2695·00
	VI	5·08	2587·01	2536·07	50·94	298·49	700·82	340·23	1237·66
	VII	5·25	4042·77	4403·10	-360·33	-47·82	151·65	439·10	1263·59
	VIII	1·27	1035·08	1077·36	-42·28	33·46	130·03	214·85	462·90

Table II—contd.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Chinsurah Centre									
Rangapara	I	9·28	8668·55	6290·03	2378·52	2983·57	2744·51	3712·37	4683·41
(Burdwan	II	8·39	9794·06	8039·17	1754·89	2440·90	2508·59	2911·04	4350·75
District)	III	3·78	2760·19	2139·52	620·67	850·16	1196·89	851·61	1657·32
	IV	4·90	3818·42	3614·71	203·71	492·20	545·03	662·94	1292·75
	V	6·22	4654·16	3816·44	837·72	1161·76	1257·84	1638·51	2382·67
	VI	3·78	3103·73	3058·87	44·86	259·67	472·59	571·43	1213·97
	VII	9·71	7839·56	6707·55	1132·01	1776·12	2329·96	1870·15	3712·21
	VIII	3·70	2694·90	2133·41	561·49	769·62	891·14	821·18	1358·96
Goswami-	I	10·48	10372·18	6301·97	4070·21	4794·51	4421·58	5643·91	6719·58
malipara	II	9·70	8060·00	5019·12	3040·88	3602·46	3414·03	4456·74	5391·47
	III	7·54	4820·19	3830·13	990·06	1319·51	1422·51	2064·77	2826·67
	IV	5·83	5731·08	4100·75	1630·33	2027·13	1870·13	2507·21	3143·81
	V	5·10	3603·44	2797·14	806·30	1052·33	1330·26	1545·98	2315·97
	VI	8·97	5256·89	4070·02	1186·87	1633·15	1623·70	1941·76	2824·87
	VII	4·41	4708·46	3781·62	926·84	1242·68	1550·12	1603·21	2542·33
	VIII	4·67	4210·27	3190·94	1019·33	1347·30	1484·24	1420·89	2213·77
Basudeb-	I	10·94	24783·97	14671·57	10112·40	11876·53	10697·80	11816·50	14166·03
pur	II	8·24	19626·30	12104·05	7522·25	8958·37	8227·82	8789·19	10930·88
	III	6·14	10972·23	7340·67	3631·56	4493·15	4718·98	4379·14	6328·15
	IV	5·60	11065·87	7360·13	3705·74	4475·42	4515·13	4612·49	6191·56
	V	4·36	9527·58	5924·32	3603·26	4268·09	4529·54	4313·42	5904·53
	VI	5·96	8329·21	5377·84	2951·37	3642·54	3853·34	3346·38	4939·52
	VII	3·34	7094·39	4756·74	2337·65	2829·51	3007·90	2888·59	4050·70
	VIII	0·81	2076·92	1614·51	462·41	595·65	754·26	610·95	1036·04
Santiniketan Centre									
Abinashpur	I	6·35	4237·37	3837·11	400·26	693·10	970·30	1432·80	2295·68
	II	7·02	4694·30	3392·16	1302·14	1660·64	1735·15	2255·41	3046·92
	III	6·36	2236·13	1884·69	351.44	589·77	842·34	640·12	1369·35
	IV	11·20	4762·73	4101·41	661·32	1118·67	815·67	1386·92	1998·62
	V	7·80	2620·94	2008·22	612·72	889·59	775·90	915·30	1355·35
	VI	10·09	5265·80	4198·56	1067·24	1548·75	1218·63	1912·09	2544·99
	VII	15·02	8597·18	7674·16	923·02	1521·04	1005·84	3375·79	4056·63
	VIII	10·87	3802·36	4391·89	−589·52	−234·67	−444·79	345·29	844·89
Nanoor	I	6·29	2386·04	2555·76	−169·72	62·41	633·65	232·34	1267·84
	II	5·29	2819·76	2484·34	335·42	549·77	488·01	893·40	1260·34
	III	7·03	3700·02	3141·50	558·52	837·39	1162·76	1282·81	2165.92
	IV	6·53	3519·31	3092·74	426·57	671·17	969·58	1251·33	2038·94
	V	8·19	4261·73	3762·30	499·43	795·72	1654·49	1493·17	2944·52
	ΛI	8·74	4077·05	3893·31	183·74	473·25	804·83	1280·58	2191·18
	VII	9·37	4772·78	4424·69	348·09	680·43	553·55	193·00	2130·80
	VIII	12·45	7527·07	6088·65	1438·42	1963·56	1445·57	3214·82	3747·11

Table II—Contd.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Kalikapur	I	3·21	2919·94	2431·02	488·92	691·57	1133·74	1033·02	1880·49
	II	5·62	4669·45	3873·40	796·05	1121·16	1015·50	1622·64	2167·20
	III	4·90	5692·28	3484·77	2207·51	2603·78	2636·90	3027·62	3853·28
	IV	5·09	5190·88	3839·91	1350·97	1712·58	1779·98	2034·56	2825·18
	V	6·18	5824·81	5556·79	268·02	672·26	858·95	1334·70	2329·87
	VI	9·12	7668·56	7241·04	427·52	960·82	427·52	2041·39	2574·69
	VII	8·57	7892·70	7323·39	569·31	1117·86	569·31	2043·55	2592·10
	VIII	12·53	6995·04	7664·21	–669·17	–183·45	–669·17	1392·48	1878·20
				Baraset Centre					
Anarbaria	I	9·99	10110·13	7762·32	2347·81	3052·02	3978·16	3471·96	5806·52
	II	9·26	8823·40	7125·99	1697·41	2316·59	3175·62	2575·46	4672·85
	III	4·45	2956·74	2662·24	294·50	499·72	843·07	735·47	1489·26
	IV	5·97	5757·12	4829·00	928·03	1332·78	2468·74	1546·04	3491·50
	V	2·74	1746·74	1925·32	–178·58	–58·06	223·60	96·66	619·36
	VI	5·26	4509·68	4121·82	387·86	702·07	775·51	958·70	1660·52
	VII	2·73	2239·86	2141·26	98·60	254·71	563·09	337·33	957·93
	VIII	3·12	3475·78	2405·00	1070·78	1331·72	1277·36	1283·47	1750·99
Mandal-para	I	6·48	6293·11	5149·86	1143·25	1580·92	2699·44	2302·83	4296·69
	II	5·17	4592·89	3676·21	916·68	1238·75	1735·24	1810·57	2951·20
	III	3·85	3819·42	2696·37	1123·05	1388·65	1472·75	1775·28	2390·58
	IV	4·58	4635·34	3336·92	1298·42	1620·72	2391·65	1989·81	3405·34
	V	7·83	7817·34	6876·92	940·42	1485·87	2583·05	2405·98	4594·06
	VI	3·85	3971·34	3086·45	884·89	1166·42	1399·44	1644·14	2440·22
	VII	4·81	6203·28	4346·68	1856·60	2287·35	2570·46	2658·68	3803·29
	VIII	2·97	3790·33	2498·25	1292·08	1553·81	2063·46	1636·94	2670·05
Tegharia	I	4·11	6085·08	4614·01	1471·07	1891·63	1810·43	2282·71	3042·63
	II	8·04	11119·37	6858·73	4260·64	5034·48	5002·15	5401·76	6917·11
	III	7·04	8212·44	5042·96	3169·48	3747·68	4185·11	4049·20	5643·03
	IV	1·96	3111·39	2172·15	939·24	1155·53	1093·74	1264·08	1634·87
	V	4·95	7183·36	4365·12	2818·24	3310·78	3263·62	3615·01	4552·93
	VI	6·91	10006·95	6592·90	3414·05	4108·74	3855·07	4675·13	5810·84
	VII	3·27	6074·22	3857·22	2217·00	2651·40	2929·29	2707·52	3854·21
	VIII	6·40	7214·07	5131·80	2082·27	2585·01	2458·56	3071·97	3951·00
				Krishnanagar Centre					
Baincha	I	5·32	3208·94	2352·24	856·70	1113·28	1511·21	1084·77	1995·86
	II	7·13	3489·13	2901·38	587·75	841·19	1151·99	914·11	1731·79
	III	4·72	2155·28	1859·01	296·27	454·34	761·10	527·28	1150·18
	IV	6·11	4755·15	3921·44	833·71	1169·79	1390·42	1207·88	2100·67
	V	7·07	1936·97	2198·81	–261·84	–62·17	304·07	–117·14	648·44
	VI	4·44	1663·18	1616·98	–46·20	167·90	389·24	270·30	735·04
	VII	5·14	2561·07	2757·96	–196·89	1·02	371·00	52·58	818·38
	VIII	10·38	4351·91	3021·12	1330·44	1637·48	1900·09	1908·01	2784·00

Table II—Contd.

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Paschim Bhatjungla	I	6·14	4008·79	2245·00	1763·79	2062·83	2134·18	1887·83	2557·26
	II	5·09	3805·49	2250·95	1554·54	1814·01	2180·55	1883·27	2768·75
	III	6·31	4320·59	3709·44	611·15	919·88	1463·77	989·30	2150·65
	IV	9·99	6003·16	4246·40	1756·76	2206·09	2913·67	2139·15	3745·39
	V	4·04	2343·98	1965·37	378·61	539·09	783·30	667·71	1232·88
	VI	10·57	8338·47	5109·72	3228·75	3808·95	3347·72	4031·35	4730·52
	VII	12·09	8671·88	5475·49	3196·39	3819·39	3412·00	3926·43	4765·04
	VIII	11·93	7879·65	5278·08	2601·57	3165·44	2952·52	3284·16	4198·98
Assannagore	I	3·08	2145·34	2014·47	130 87	279·29	689·96	451·47	1158·98
	II	5·08	2115·81	2306·93	-191·12	19·71	298·36	-98·11	602.20
	III	6·06	5903·77	3111·71	2792·06	3208·16	3714·46	3316·39	4654·89
	IV	4·14	2939·27	2291·54	647·73	860·37	1117·14	893·11	1575·16
	V	7·89	4997·62	3195·14	1802·48	2163·92	2562·46	2308·47	3429·89
	VI	7·74	4091·29	3269·01	822·28	1121·63	1609·56	1359·80	2446·43
	VII	7 25	4878·84	4004·20	874·64	1231·66	1978·69	1541·25	3002·32
	VIII	16·30	11290·81	6694·82	4595.99	5382·85	5992·21	5979·41	8162·49

In column 3 is given the size of the holding actually covered by farm enterprise, which includes not only land owned by the cultivator himself but also land which some farmers might have taken on Barga (share cropping) system.

In columns 4 and 5 are given Actual Farm Receipts and Total Farm Expenses in respect of each farm. Total Farm Expenses include such items of expenditure, which are reckoned for cost accounting purpose viz. family labour, hired labour, bullock labour, seeds, fertilisers and manures, feeds, market charges, irrigation charges, rent, depreciation, repair charges, interest on investment (5%) and management charges at 7% of the value of crops harvested. The difference of Total Expenses from Actual Farm Receipts gives Farm Earning which is shown in Col. 6. This is actually the net income of the farm.

Farm Business Income is arrived at by adding to the Farm Earning such imputed costs as (I) family labour (II) interest on Capital, and (III) management charges, and this is shown in Col. 10.

Columns 7, 8, and 9 give Farmer's Earning on management, family labour and capital investment respectively. These are obtained by adding management charges, family labour charges and interest on capital investment respectively to Farm Earning (Col. 6),

It will be seen from Col. 6 that out of 32 holdings in Burdwan District 5 incurred loss compared to 7 in 1963-64. None of 16 holdings incurred loss in Hooghly District compared to 1 in 1963-64. 3 out of 24 in Birbhum District, 1 out of 24 in 24-Parganas (N) District and 3 out of 24 in Nadia District, incurred loss as compared to nil, 5 and 3 respectively in 1963-64. Farms III, IV, VII and VIII in Mandalhat of Burdwan district, Farm V in Anarbaria of 24-Parganas (N) District, Farm VII in Baincha of Nadia District incurred loss for the second successive year.

Farms in Chaknara in Burdwan District maintained to earn very high Farm Business Income followed by Basudebpur and Goswamimalipara in Hooghly district and Tegharia in 24-Parganas (N) district.

A statement showing performance of the farms in this year as compared to what was in the previous year is given in Table III.

Table III. Statement showing performance of the Farms in 1964-65 as compared to that of 1963-64.

District	Village	Size of holding			Actual Farm Receipts		Total Farm Expenses		Farm Business Income		Farm Earning	
		Increase	Decrease	Unaltered	Increase	Decrease	Increase	Decrease	Increase	Decrease	Increase	Decrease
Burdwan	Jotram	2	5	1	7	1	4	4	7	1	7	1
	Chaknara	3	5	—	7	1	7	1	7	1	7	1
	Mandalhat	4	3	1	5	3	5	3	5	3	1	7
	Rangapara	4	4	—	8	—	6	2	7	1	7	1
	Total	13	17	2	27	5	22	10	26	6	22	10
Hooghly	Goswamimalipara	4	2	2	8	—	8	—	8	—	8	—
	Basudevpur	—	4	4	7	1	6	2	6	2	6	2
	Total	4	6	6	15	1	14	2	14	2	14	2
Birbhum	Abinashpur	3	1	4	2	6	3	5	2	6	2	6
	Nanoor	5	1	2	2	6	5	3	2	6	2	6
	Kalikapur	1	—	7	8	—	7	1	1	7	1	7
	Total	9	2	13	12	12	15	9	5	19	5	19
24-Parganas	Anarbaria	4	3	1	7	1	8	—	7	1	7	1
	Mandalpara	5	3	—	7	1	7	1	7	1	7	1
	Tegharia	3	1	4	8	—	8	—	8	—	8	—
	Total	12	7	5	22	2	23	1	22	2	22	2
Nadia	Baincha	2	5	1	3	5	3	5	4	4	4	4
	Paschim-Bhatjungla	4	2	2	8	—	8	—	5	3	6	2
	Assannagore	6	—	2	7	1	5	3	7	1	4	4
	Total—	12	7	5	18	6	16	8	16	8	14	10

It will be seen that, in all, 50 farms increased, 39 farms decreased and 31 farms remained unaltered in size of holdings. Of the farms which decreased their sizes of holdings as many as 17 were in Burdwan district alone distributed almost evenly in the four villages. There was thus a tendency in 1964-65 for the farmers to bring more area under cultivation, except in the District of Birbhum where more than 50% of the farms remained unaltered in size of holding.

Out of 120 farms under study in 1964-65, 94 farms could increase Actual Farm Receipts as against 90 farms increasing Total Farm Expenses. There was thus a tendency for farms to increase income over expenditure. 77 farms could increase Farm Earning and 83 farms could increase the Farm Business Income. Of the five Districts, Birbhum however could not fare well. Of the 24 farms under study in these districts, 12 farms had increased Actual Farm Receipts, 15 had increased Total Farm Expenses, 5 had increased Farm Earning and Farm Business Income respectively.

In table IV is given a districtwise distribution of farms with villagewise average farm size arranged according to four categories of Farm Business Income.

Table IV—Showing the distribution of farms & their average size according to Farm Business Income in different regions in 1964-65

District	Village	300 and above		200 and above but below 300		100 and above but below 200		Zero and above but below 100	
		No. of farms	Average farms size (acres)	No. of farms	Average Farm size (acres)	No. of Farms	Average Farm Size (acres)	No. of farm	Average Farm Size (acres)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Burdwan	Jotram	3	5·99	3	7·59	1	1·87	1	0·99
	Chaknara	7	8·26	—	—	1	2·31	—	—
	Mandalhat	1	14·54	2	6·73	3	6·53	2	4·95
	Rangapara	3	9·43	—	—	5	4·48	—	—
Hooghly	Goswami-malipara	2	10·09	4	6·69	2	4·88	—	—
	Basudevpur	7	6·37	—	—	—	—	1	0·81
Birbhum	Abinashpur	1	15·02	2	8·56	4	7·93	1	10·87
	Nanoor	1	12·45	1	8·19	6	7·21	—	—
	Kalikapur	1	4·90	3	7·59	4	6·88	—	—
24-Parganas	Anarbaria	2	9·62	1	5·97	3	4·28	2	2·74
	Mandalpara	3	6·37	4	4·14	1	3·85	—	—
	Tegharia	6	6·10	1	4·11	1	1·96	—	—
Nadia	Baincha	—	—	1	10·38	3	6·19	4	5·34
	Paschim-Bhatjungla	4	11·14	2	5·62	2	5·18	—	—
	Assannagore	2	11·18	3	7·63	1	414	2	4·08
	All Regions	43	8·30	27	6·75	37	5·68	13	4·43

Of the 120 farms as many as 43 farms could make Farm Business Income of Rs. 300·00 or more compared to 34 in 1963-64. 27 could make above Rs. 200·00 but below Rs. 300·00 compared to 30 in 1963-64, 37 could make above Rs. 100·00 but below Rs. 200·00 compared to 37 in 1963-64 and 13 could make Rs. 100 or below compared to 19 in 1963-64. There has thus been an improvement in the Farm Business Income except in Birbhum district where only 3 Farms could make Rs. 300·00 or more compared to 7 in previous year, 6 could make above Rs.200·00 but below Rs. 300·00 compared to 9 in previous year, 14 farms could make below Rs. 200·00 but above Rs. 100·00 compared to 8 in the previous year. In Kalikapur village in this district out of 8 farms 5 could make Rs. 300·00 or more in 1963-64 but in the current year it went down to 1 farm, remaining 4 farms having shifted to Rs. 100·00—Rs. 200·00 category. Performance of 8 farms in each of the villages Baincha in Nadia and Chaknara in Burdwan district remained unaltered.

It is interesting to note the trend of growth of Farm Business Income in the cases under study since 1962-63. Excluding the villages Mandalhat, Basudevpur, Nanoor, Kalikapur and Assannagore which were not under survey in 1962-63, out of 80 farms in the remaining 10 villages, 9 farms made Farm Business Income of Rs. 300·00 or more in 1962-63. This figure rose to 20 in 1963-64 and to 31 in 1964-65. Similarly 18 farms could manage to come within Rs. 200·00—Rs. 300·00 in 1964-65 as against 17 in 1963-64 and 13 in 1962-63. In the last category of Rs. 100·00 or below there were 30 farms in 1962-63, 13 in 1963-64 and 8 in 1964-65. If this trend is viewed from the angle of average size of holding under different categories of Farm Bussiness Income it is equally interesting to note the results which are shown in following table V.

Table V—Showing average size of holding in different categories of Farm Business Income in 1962-63 to 1964-65.

Year	Monthly Income size group Rs. 300/- or more	Above Rs. 200/- but below Rs. 300/-	Above Rs. 100/- but below Rs. 200/-	Below Rs. 100/-
1962-63	8.10	8.01	6.36	5.09
1963-64	8.69	7.02	5.61	4.52
1964-65	8.30	6.75	5.68	4.43

The size of holding shows a tendency to decline for the same slab of Farm Business Income. The latter thus shows sign of positive growth and this may be due, mainly, to effect of advice and treatment.

Cost of Production of Crops

The distribution of 120 farms on the basis of cost of cultivation of seven crops which were surveyed during the year is given in the following table.

Table VI—Showing the distribution of Farms on the basis of cost of production of seven important crops.

Cost of Production per maund (in Rs.)	CROP Aus paddy	Aman paddy	Jute	Mesta	Sugarcane (Gur)	Potato	Wheat
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Below 5·0	1	1	—	—	—	1	—
5·0–7·5	7	13	—	—	—	2	—
7·5–10·0	13	40	—	—	—	18	—
10·0–12·5	23	37	—	1	1	36	—
12·5–15·0	16	18	2	—	5	20	1
15·0–17·5	4	7	4	—	1	8	1
17·5–20·0	6	—	14	3	6	1	2
20·0–22·5	5	—	18	1	15	5	4
22·5–25·0	4	—	7	1	4	2	2
25·0–27·5	—	—	13	1	6	—	5
27·5–30·0	1	1	11	3	9	—	5
30·0–32·5	—	1	5	1	4	2	3
32·5–35·0	—	—	5	1	3	—	4
35·0–37·5	—	—	3	2	1	1	2
37·5–40·0	1	—	3	—	2	—	3
40·0 & above	1	—	7	1	8	—	28
Numbers of farms which produced crop	82	118	92	15	65	96	60
Number of farms in which crop failed or was damaged	—	1	2	1	2	—	1
No. of farms which did not produce crop (in Rs.)	38	1	26	104	53	24	59
Total No. of farms	120	120	120	120	120	120	120
Mean cost of production per maund (in Rs.)	13·94	10·81	27·64	26·80	27·85	13·18	42·76
Median Cost of production per maund (in Rs.)	12·10	10·42	15·07	28·16	25·93	11·88	38·92

Note : Each class interval includes the lower limit but not the upper limit which is included in the next class.

When compared with 1963-64 it is seen that the number of farms which produced Aus Paddy, remained same between two years but for Aman Paddy which is the main paddy crop, the number increased to 118 excluding 1 farm which had grown the crop but ultimately the crop had failed. The number of farms which had produced the fibre crops like Jute and Mesta declined from the previous year. The number of farms which had grown Sugarcane increased from 55 in 1963-64 to 65 in 1964-65 excluding 2 farms which had grown the crop but the crop had subsequently failed. Similarly number of farms which had produced Potato and Wheat also declined in 1964-65 from the previous year. Although, in all, crops had failed in 7 farms in this year compared to 1 in the previous year, the Farm Income and Farm Business Income had increased for the majority compared to previous year. The farms thus showed tendency to concentrate on few crops and make more income. Decline in the number of farms growing Potato may be due to rising cost of production of this crop, which will be evident from the table VII given hereafter.

In table VII is given a comparison of mean and median cost of production of 7 important crops for the three years from 1962-63 to 1964-65.

Table VII—Showing the costs of seven important crops grown in 1962-63, 1963-64 and 1964-65

Crops	Cost of Production per maund (Rs.)					
	Mean			Median		
	1962-63	1963-64	1964-65	1962-63	1963-64	1964-65
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Aus Paddy	18·12	13·92	13·94	16·20	13·10	12·10
Aman Paddy	12·41	10·91	10·81	12·28	10·40	10·45
Jute	31·20	24·59	27·64	28·71	22·98	25·07
Mesta	39·05	31·46	25·80	28·62	24·01	28·16
Sugarcane (Gur)	31·78	23·68	27·85	26·64	23·62	25·93
Potato	11·12	12·73	13·18	9·79	11·70	11·88
Wheat	37·87	40·93	42·76	33·32	32·58	38·92

It will be seen that Aman Paddy and Mesta Fibre crops registered gradual decrease in the cost of production over three years. For the rest of the crops except Potato and Wheat there was a sharp decline in the cost of production from 1962-63 to 1963-64, but it slightly increased in 1964-65. In Potato and Wheat the cost of production maintained to rise. It is interesting to note that both in 1963-64 and 1964-65 out of the farms which had produced Potato as many as 82 farms came within the range of cost of production of Rs. 7·5 to Rs. 17·5 per maund but 36 farms came within the range of Rs. 10·00 to Rs. 12·5 in 1964-65 compared to 24 in the previous year. As an effect of this clustering of a good number of farms in the higher range of cost of production the overall cost of production of Potato. increased. Similarly in case of Wheat 28 farms clustered in the maximum range of cost of production compared to 21 farms in the corresponding range in 1963-64.

Weather and Rainfall

The weather was not congenial for Jute at its early stage due to drought condition prevailing in some of the districts. The rainfall for the initial months of the crop season of 1964-65 as compared with normal is shown in millimeters in the table below.

District	April		May		June	
	1964	Normal	1964	Normal	1964	Normal
24.Parganas	61.7	52.8	96.2	127.1	112.2	274.2
Nadia	—	62.1	—	132.9	220.4	227.6
Burdwan	69.3	41.5	52.3	110.8	46.0	240.8
Birbhum	39.4	31.8	68.2	96.6	160.2	206.3
Hooghly	75.7	58.7	141.8	143.6	97.6	244.1

This may account for the decline in the number of farms which had produced Jute. Weather and rainfall was, on the whole, favourable for other crops.

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EXPENSE AND INCOME STATEMENT

Village—Joterám *Block*—Burdwan Sadar *PS*—Burdwan *District*—Burdwan

No. of Holding—I *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	1·59		(a) Owned—1·81 acres Leased—0·10 acres Given out on lease—nil acres Fallow—0·04 acres Cultivated—1·87 acres
Jute—	0·47		
Potato & Pumpkin—	0·18		
Wheat—	0·19		Family labour supply Man—2 Woman—nil Child—nil No. of bullocks owned—2
Cabbage—	0·10		

INCOME	Rs
Value of crops harvested	1983·09
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	2008·09
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 82·00
Actual receipts	1926·09
Total farm expenses	1555·25
Farm earning	370·84
Management charges	138·82
Family wages	476·00
Interest earned on capital	289·81
Farm business income	1275·47
FARMER'S EARNING	
On management	509·66
On family labour	846·84
On capital investment	660·65

EXPENDITURE		Rs.
Human labour	Family	476·00
	Hired	84·00
Hired bullock		—
Seeds		56·77
Fertilisers and manures		142·86
Feeds		243·59
Market charges		–
Irrigation rates		12·50
Rent (cash)		12·66
Depreciation		90·84
Repair charges		5·00
Miscellaneous charges		2·40
Interest on investment		289·81
Management		138·82
Total		1555·25

(a) Jute and Cabbage were grown on leased land successively.

(b) 1·39 mds. of Jute and 8·04 mds. of Cabbage were handed over to the landowner as his share.

Village—Joteram *Block*—Burdwan Sadar *P.S.*—Burdwan *District*—Burdwan

No. of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		*Land and Labour*
Aman paddy—	3·83	(a) Owned—5·55 acres Leased—0·26 acres
Jute—	0·78	Given out on lease—0·84 acres.
Potato & Pumpkin—	0·88	Fallow—nil acres. Cultivated—4·97acres.
Cabbage—	0·26	Family labour supply
Sponge gourd—	0·20	Man—1 Woman—nil Child—nil No. of bullocks owned—2

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	6133·53	Human Labour	Family	132·50
			Hired	747·68
Value of F.Y.M.	25·00	Hired bullock		2·00
Receipt from bullock hire	—	Seeds		387·49
Total	6158·53	Fertilisers and manures		360·54
Add value of seeds, manure etc. received from landlord	—	Feeds		336·56
Deduct value of share of crops	(b) 175·00	Market charges		—
Actual receipts	5983·53	Irrigation rates		50·00
Total farm expenses	3255·05	Rent (cash)		41·31
Farm earning	-2728·48	Depreciation		88·26
Management charges	429 35	Repair charges		4·25
Family wages	132·50	Miscellaneous charges		5·98
Interest earned on capital	669·13	Interest on investment		669·13
Farm business income	3959·46	Management		429·35
FARMER'S EARNING		Total		3255·05
On management	3157·83			
On family labour	2860 98			
On capital investment	3397·61			

(a) Cabbage was produced in 0·16 acres and Potato & Pumpkin were produced in 0·10 acres.

(b) 17·41 mds. of Cabbage, 5·68 mds. of Potato 5·50 mds. of Pumpkin were handed over to the land owner as his shar.

Village – Joteram *Block*—Burdwan Sadar *P.S.*—Burdwan *District*—Burdwan

No. of Holding—III *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres	
Aus paddy –	0·34
Aman paddy –	4·88
Jute—	0·41
Potato & Pumpkin—	0·70
Wheat –	0·32
Cabbage –	0·21

Land and Labour

(a)
Owned – 1·76 acres Leased—4·33 acres
Givn out on lease—nil acres
Fallow—nil acres
Cultivated—6·09 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	6624·46
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	6649·46
Add value of seeds, manure etc. received from landlord	–
Deduct value of share of crops	(b) 1842·90
Actual receipts	4806·56
Total farm expenses	3182·49
Farm earning	1624·07
Management charges	463·71
Family wages	64·00
Interest earned on capital	379·84
Farm business income	2531·62
FARMER'S EARNING	
On management	2087·78
On family labour	1688·07
On capital investment	2003·91

EXPENDITURE		Rs.
Human labour	Family	64·00
	Hired	941·60
Hired bullock		10·00
Seeds		365·18
Fertilisers and manures		467·41
Feeds		342·45
Market charges		—
Irrigation rates		10 00
Rent (cash)		14·36
Depreciation		110 14
Repair charges		6·50
Miscellaneous charges		7·30
Interest on investment		379·84
Management		463·71
Total		3182·49

(a) Aus paddy was produced in 0·13 acres, Aman paddy in 3 84 acres and Potato & Pumpkin in 0 29 acres

(b) 1·58 mds. of Aus paddy, 0·83 mds. of Aman paddy, 1·10 mds. of Aman straw, 17·50 mds. of Potato and 7 28 mds of Pumpkin were handed over to the landowner as his share.

Village—Joteram *Block*—Burdwan Sadar *P.S.*—Burdwan *District*—Burdwan

No of Holding—IV *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres	
Aman paddy—	5·41
Jute—	0·62
Potato & Pumpkin—	0·52
Cabbage—	0·10

Land and Labour

(a)
Owned—4·60 acres Leased—1·43 acres.
Given out on lease—nil acres
Fallow – nil acres
Cultivated—6·03 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	6546·38
Value of F. Y. M.	25·00
Receipt from bullock hire	–
Total	6571·38
Add value of seeds, manure etc. received from landlord	–
Deduct value of share of crops	(b) 779·99
Actual receipts	5791·39
Total farm expenses	3696·99
Farm earning	2094·40
Management charges	458·25
Family wages	280·00
Interest earned on capital	782 19
Farm business income	3614·84
FARMER'S EARNING	
On management	2552·65
On family labour	2374·40
On capital investment	2876·59

EXPENDITURE		Rs.
Human labour	Family	280·00
	Hired	751·65
Hired bullock		16·00
Sdees		279·93
Fertilisers and manures		560·39
Feeds		347·51
Market charges		3·00
Irrigation rates		38·20
Rent (cash)		20·06
Depreciation		127·11
Repair charges		28·50
Miscellaneous charges		4·20
Interest on investment		782·19
Management		458·25
Total		3696·99

(a) Aman paddy was produced in 1·22 acres. Jute Potato and Pumpkin were grown successively on the same plot of 0·21 acres.

(b) 2·20 mds. of Jute fibre, 3·33 mds. of Jute Stick, 26·52 mds. of Aman paddy, 37·11 mds. of Aman straw, 9 98 mds. of Potato & 5 mds. cf Pumpkin were handed over to the land owner as his share.

Village—Joteram *Block*—Burdwan Sadar *P.S.*—Burdwan *District*—Burdwan

No of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		*Land and Labour*
Aman paddy— 0·99		Owned—3·82 acres Leased – nil acres Given out on lease – 2·83 acres Fallow—nil acres Cultivated—0·99 acres
		Family labour supply Man—nil Woman—nil Child—nil No. of bullocks owned—nil

INCOME	Rs.
Value of crops harvested	803·75
Value of F. Y. M.	—
Receipt from bullock hire	–
Total	803·75
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	–
Actual receipts	803·75
Total farm expenses	393·19
Farm earning	410·56
Management charges	56·26
Family wages	–
Interest earned on capital	146·91
Farm business income	613·73
FARMER'S EARNING	
On management	466·82
On family labour	410·56
On capital investment	557·47

EXPENDITURE		Rs.
Human labour	Family	–
	Hired	102·50
Hired bullock		22·00
Seeds		8·50
Fertilisers and manures		43·02
Feeds		–
Market charges		–
Irrigation rates		6·74
Rent (cash)		7·26
Depreciation		–
Repair charges		–
Miscellaneous charges		–
Interest on investment		146·91
Management		56·26
Total		393·19

Village—Joteram *Block*—Burdwan Sadar *P.S.*—Burdwan *District*—Burdwan

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	0·18		(a) Owned—4·78 acres Leased—2·69 acres Given out on lease—nil acres Fallow—nil acres Cultivated—7·47 acres
Aman paddy—	6·94		
Jute—	0·35		
Potato & Pumpkin—	0·43		Family labour supply Man—1 Woman—nil Child—nil No. of bullocks owned—2
Wheat—	0·33		
Cabbage—	0·10		

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	7113·80	Human labour	Family	17·50
			Hired	1094·63
Value of F. Y. M.	25·00	Hired bullock		26·00
Receipt from bullock hire	—			
Total	7138·80	Seeds		265·42
Add value of seeds, manure etc. received from landlord	—	Fertilisers and manures		566·83
Deduct value of share of crops	(b) 1124·06	Feeds		336·56
Actual receipts	6014·74	Market charges		—
Total farm expenses	3744·17			
Farm earning	2270·57	Irrigation rates		36·29
Management charges	497·97	Rent (cash)		24·58
Family wages	17·50			
Interest earned on capital	739·16	Depreciation		119·18
Farm business income	3525·20	Repair charges		13·00
FARMER'S EARNING		Miscellaneous charges		7·05
On management	2768·54	Interest on investment		739·16
On family labour	2288·07	Management		497·97
On capital investment	3009·73	Total		3744·17

(a) Aman paddy was grown in 2·59 acres, Jute and Potato & Pumpkin were grown respectively in 0·10 acres.

(b) 1·70 mds. of Jute Fibre. 1·2 mds. of jute stick, 0·48 mds. of Aman paddy, 0·67 mds. of Aman straw, 6·7 mds. of Potato and 1·27 mds. of Pumpkin were handed over to the land owner as his share.

Village – Joteram *Block* – Burdwan Sadar *P.S.* – Burdwan *District* – Burdwan

No. of Holding – VII *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres		
Aus paddy—	0·27	
Aman paddy—	6·29	
Jute—	0·50	
Potato & Pumpkin—	0·38	
Wheat—	0·39	
Cabbage –	0·06	
Arum –	0·06	

Land and Labour

Owned—6·99 acres Leased 0 70 (a) acres.
Given out on lease – 0·71 acres
Fallow—nil acres Cultivated 6·98 acres
Family labour supply
Man – nil
Woman – nil
Child – nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	6779·30
Value of F. Y. M.	25·00
Receipt from bullock hire	–
Total	6804·30
Add value of seeds, manure etc. received from landlord	–
Deduct value of share of crops	(b) 245·09
Actual receipts	6559·21
Total farm expenses	4028·70
Farm earning	2530·51
Management charges	474·55
Family wages	—
Interest earned on capital	1087·68
Farm business income	4092·74
FARMER'S EARNING	
On management	3005·06
On family labour	2530·51
On capital investment	3618·19

EXPENDITURE		Rs.
Human labour	Family	—
	Hired	1119·14
Hired bullock		18·00
Seeds		228·84
Fertilisers and manures		548 88
Feeds		347 51
Market charges		–
Irrigation rates		40·60
Rent (cash)		46·24
Depreciation		112·68
Repair charges		–
Miscellaneous charges		4·58
Interest on investment		1087·68
Management		474·55
Total		4028·70

(a) Aman paddy was grown on the leased land.

(2) 12·99 mds. of paddy and 18·08 mds. of straw were handed over to the landowner as his share.

Village—Joteram *Block*—Burdwan Sadar *P.S.*—Burdwan *District*—Burdwan

No. of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	0·52	Onion—	0·19
Aman paddy—	7·42	Bitter gourd—	0·15
Jute—	0·59	Cucumber—	0·24
Potato & Pumpkin—	0·67		
Pumpkin—	0·30		
Tomato—	0·15		
Cabbage—	0·32		

Land and Labour

(a)
Owned—3·26 acres Leased—5·96 acres
Given out on lease—nil acres
Fallow—nil acres
Cultivated—9·22 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	9342·78
Value of F.Y.M.	50·00
Receipt from bullock hire	—
Total	9392·78
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 2740·24
Actual receipts	6652·54
Total farm expenses	4555·62
Farm earning	2096·92
Management charges	653.99
Family wages	275·00
Interest earned on capital	511·33
Farm business income	3537·24
FARMER'S EARNING	
On management	2750·91
On family labour	2371·92
On capital investment	2608·25

EXPENDITURE		Rs
Human labour	Family	275·00
	Hired	1134·75
Hired bullock		2·00
Seeds		411·58
Fertilisers and manures		646·86
Feeds		662·92
Market charges		8·50
Irrigation rates		20·00
Rent (cash)		18·77
Depreciation		200·93
Repair charges		–
Miscellaneous charges		8·99
Interest on investment		511·33
Management		653·99
Total		4555·62

(a) Aman paddy was grown on 5·77 acres, Aus paddy, Potato & Pumpkin were grown successively on 6·19 acres.

(b) 132·94 mds. of Aman paddy, 167·45 mds. of Aman straw, 3 mds. of Aus paddy 3 mds of straw, 10·90 mds. of Potato and 2·25 mds. of Pumpkin were handed over to the landowner as his share.

Village—Chaknara *Block*—Memari-I *P. S.*—Memari *District*—Burdwan

No. of Holding—I *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	0·96	Cabbage & Pumpkin—	0·17
Aman paddy—	4·38		
Jute—	1·03		
Potato & Pumpkin—	1·59		
Wheat—	0·10		
Joar—	0·04		
Brinjal—	0·04		

Land and Labour

(a)
Owned—2·33 acres Leased—3·89 acres
Given out on lease—nil acres
Fallow—nil acres
Cultivated—6·22 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	10363·37
Value of F.Y.M.	25·00
Receipt from bullock hire	3·00
Total	10391·37
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 1809·91
Actual receipts	8581·46
Total farm expenses	4582·90
Farm earning	3998·56
Management charges	725·44
Family wages	596·43
Interest earned on capital	369·58
Farm business income	5690·01
FARMER'S EARNING	
On management	4724·00
On family labour	4594·99
On capital investment	4368·14

EXPENDITURE		Rs.
Human labour	Family	596·43
	Hired	654·66
Hired bullock		6·00
Seeds		348·04
Fertilisers and manures		1150·36
Feeds		349·68
Market charges		3·80
Irrigation rates		22·00
Rent (cash)		9·57
Depreciation		189·00
Repair charges		93·00
Miscellaneous charges		65·34
Interest on investment		369·58
Management		725·44
Total		4582·90

(a) Aus paddy, Aman paddy, Jute, Potato and Pumpkin were grown on the leased land.

(b) 7·88 mds. of Aus paddy, 9·75 mds. of Aus straw, 73·31 mds of Aman paddy, 107·67 mds of Aman straw, 12·67 mds of Potato and 4 mds of Pumpkin were handed over to the Landowner as his share.

Village—Chaknara *Block*—Memari-I *P.S.*—Memari *District*—Burdwan

No. of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·26	Pumpkin—	0·10	(a) Owned—2·10 acres Leased—0·30 acres Given out on lease—nil acres Fallow—0·09 acres Cultivated—2·31 acres
Aman paddy—	1·43			
Jute—	0·36			
Wheat—	0·26			
Kalai—	0·16			Family labour supply Man—1 Woman—nil Child—nil No. of bullocks owned—2
Brinjal—	0·10			
Cabbage & Cauliflower—	0·20			

INCOME	Rs.
Value of crops harvested	2201·59
Value of F.Y.M.	0·82
Receipt from bullock hire	—
Total	2202·41
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 102·24
Actual receipts	2100·17
Total farm expenses	1114·88
Farm earning	985·29
Management charges	154·11
Family wages	187·97
Interest earned on capital	290·44
Farm business income	1617·81
FARMER'S EARNING	
On management	1139·40
On family labour	1173·26
On capital investment	1275·73

EXPENDITURE		Rs
Human labour	Family	187·97
	Hired	192·72
Hired bullock		95·50
Seeds		27·09
Fertilisers and manures		85·86
Feeds		(c) 11·86
Market charges		5·86
Irrigation rates		10·80
Rent (cash)		18·39
Depreciation		32·43
Repair charges		—
Miscellaneous charges		1·85
Interest on investment		290·44
Management		154·11
Total		1114·88

(a) Jute and Kalai were grown on the leased land.

(b) 2·62 mds. of Jute fibre, and 2·62 mds. of Jute stick and 0·40 mds. of Kalai were handed over to the landowner as his share.

(c) Feed cost was low, because the bullocks were maintained for a very short period.

Village—Chaknara *Block*—Memari-I *P. S.*—Memari *District*—Burdwan

No. of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	1·40	Cabbage & Cauliflower—	0·54
Aman paddy—	5·81	Bittergourd—	0·12
Jute—	1·58		
Potato & Pumpkin—	2·55		
Wheat—	0·42		
Joar—	0·10		
Brinjal—	0·16		

Land and Labour

(a)
Owned—5·25 acres Leased—4·09 acres
Given out on lease—nil acres
Fallow—nil acres
Cultivated—9·34 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	15857·36
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	15882·36
Add value of seeds, manure etc. received from landlord	487·25
Deduct value of share of crops	(b) 3427·74
Actual receipts	12941·87
Total farm expenses	6853·39
Farm earning	6088·48
Management charges	1110·02
Family wages	465·16
Interest earned on capital	783·66
Farm business income	8447·32
FARMER'S EARNING	
On management	7198·50
On family labour	6553·64
On capital investment	6872·14

EXPENDITURE		Rs.
Human labour	Family	465·16
	Hired	1156·42
Hired bullock		32·00
Seeds		588·39
Fertilisers and manures		1947·41
Feeds		377·48
Market charges		15·59
Irrigation rates		43·10
Rent (cash)		41·58
Depreciation		178·66
Repair charges		15·45
Miscellaneous charges		98·47
Interest on investment		783·66
Management		1110·02
Total		6853·39

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* An arrear rent of Rs. 5·70 was included in the rent paid for land owned.

(a) Aus paddy, Aman paddy, Jute, and Potato were grown on the leased land.

(b) 22·77 mds. of Aus paddy, 25·18 mds. of Aus straw, 55·10 mds. of Aman paddy, 83·64 mds of Aman straw, 6·28 mds of Jute, 91·12 mds. of Potato and 38 mds of Pumpkin were handed over to the Landowner as his share

Village—Chaknara *Block*—Memari-I P.S.—Memari *District*—Burdwan

No. of Holding—IV *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·23	Joar—	0·15	Owned—5·34 acres Leased—0·81 acres (a) Given out on lease—nil acres Fallow—0·18 acres Cultivated—5·97 acres
Aman paddy & Khesari—	3·16	Brinjal—	0·90	
		Pumpkin—	0·25	
Jute—	1·06	Cabbage, Cauliflower & Pumpkin—	0·54	Family labour supply Man—2 Woman—nil Child—nil No. of bullocks owned—2
Potato & Pumpkin—	0·87			
Wheat—	0·53			
Mustard—	0·50			

INCOME	Rs.
Value of crops harvested	8705·65
Value of F.Y.M.	25·00
Receipt from bullock hire	5·50
Total	8736·15
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 295·82
Actual receipts	8440·33
Total farm expenses	4579·45
Farm earning	3860·88
Management charges	609·40
Family wages	407·14
Interest earned on capital	808·55
Farm business income	5685·97
FARMER'S EARNING	
On management	4470·28
On family labour	4268·02
On capital investment	4669·43

EXPENDITURE		Rs
Human labour	Family	407·14
	Hired	781·88
Hired bullock		10·00
Seeds		245·37
Fertilisers and manures		1136·27
Feeds		328·69
Market charges		8·86
Irrigation rates		35·90
Rent (cash)		33·98
Depreciation		96·44
Repair charges		29·50
Miscellaneous charges		47·47
Interest on investment		808·55
Management		609·40
Total		4579·45

(a) Aman paddy was grown on the leased area.

(b) 15·06 mds. of Aman paddy, and 21·97 mds. of Aman straw were handed over to the landowner as his share.

Village—Chaknara *Block*—Memari-I *P.S.*—Memari *District*—Burdwan

No of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·89	Cabbage & Pumpkin—	0·44	(a) Owned—5·00 acres Leased—0·70 acres. Given out on lease—nil acres Fallow – 0·35 acres Cultivated—5·35 acres Family labour supply Man—4 Woman—nil Child—nil No. of bullocks owned—2
Aman paddy—	2·28			
Jute—	1·78			
Potato & Pumpkin—	1·42			
Kalai—	0·47			
Joar—	0·11			
Brinjal—	0·18			

INCOME	Rs.
Value of crops harvested	11087·37
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	11112·37
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 550·33
Actual receipts	10562·04
Total farm expenses	5481·42
Farm earning	5080·62
Management charges	776·12
Family wages	759·73
Interest earned on capital	751·08
Farm business income	7367·55
FARMER'S EARNING	
On management	5856·74
On family labour	5840·35
On capital investment	5831·70

EXPENDITURE		Rs.
Human labour	Family	759·73
	Hired	569·84
Hired bullock		6·00
Sdees		317·82
Fertilisers and manures		1664·95
Feeds		334·51
Market charges		12·69
Irrigation rates		40·00
Rent (cash)		48·04
Depreciation		119·20
Repair charges		28·94
Miscellaneous charges		52·50
Interest on investment		751·08
Management		776·12
Total		5481·42

(a) Aus paddy and Potato were grown on the leased area.

(b) 7·03 mds. of Aus paddy, 8·14 mds. of Aus straw, 25·35 mds. of Potato were handed over to the landowner as his share.

Village—Chaknara *Block* – Memari-I *P.S.*—Memari *District*—Burdwan

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·50	Cabbage & Pumpkin—	0·51	(a) Owned—5·73 acres Leased – 0·76 acres. Given out on lease – nil acres Fallow—0·56 acres Cultivated—5·93 acres
Aman paddy—	3·77	Bitter gourd –	0·12	
Jute—	1·30			
Potato & Pumpkin—	1·77			Family labour supply Man – 2
Wheat—	0·28			Woman—nil
Joar—	0·12			Child—nil
Pumpkin—	0·61			No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	12323·85
Value of F. Y. M.	25·00
Receipt from bullock hire	12·50
Total	12361·35
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	(b) 398·27
Actual receipts	11963·08
Total farm expenses	6104·39
Farm earning	5858·69
Management charges	862·67
Family wages	273·38
Interest earned on capital	866·68
Farm business income	7861·42
FARMER'S EARNING	
On management	6721·36
On family labour	6132·07
On capital investment	6725·37

EXPENDITURE		Rs.
Human labour	Family	273·38
	Hired	1018·00
Hired bullock		–
Seeds		408·34
Fertilisers and manures		1973·69
Feeds		367·51
Market charges		21·77
Irrigation rates		34·35
Rent (cash)		33·59
Depreciation		131·68
Repair charges		44·75
Miscellaneous charges		67·98
Interest on investment		866·68
Management		862·67
Total		6104·39

(a) Aman paddy, Jute, Potato, Pumpkin and Wheat were grown on the leased area.

(b) 7·10 mds of Aman paddy, 9 65 mds of Aman straw 0·99 mds. of Jute, 7·31 mds. of Potato, 0 67 mds. of Wheat and 12·80 mds of Pumpkin were handed over to the land owner as his share·

Village—Chaknara *Block*—Memari-I *P.S.*—Memari *District*—Burdwan

No of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·08	Cabbage & Pumpkin—	0·46	(a) Owned—8·38 acres Leased—4·73 acres. Given out on lease—nil acres Fallow – nil acres Cultivated—13·11 acres
Aman paddy—	9·39	Bittergourd	0·11	
Jute—	3·21			
Potato & Pumpkin—	2·87			Family labour supply Man—3 Woman—nil Child—nil No. of bullocks owned—5
Wheat—	0·92			
Joar—	0·23			
Brinjal—	0·20			

INCOME	Rs.
Value of crops harvested	25840·49
Value of F. Y. M.	75·00
Receipt from bullock hire	6·00
Total	25921·49
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 2046·52
Actual receipts	23874·97
Total farm expenses	10794·26
Farm earning	13080·71
Management charges	1808·83
Family wages	740·33
Interest earned on capital	1399 89
Farm business income	17029·76
FARMER'S EARNING	
On management	14889·54
On family labour	13821·04
On capital investment	14480·60

EXPENDITURE		Rs.
Human labour	Family	740·33
	Hired	1659·13
Hired bullock		–
Seeds		600·20
Fertilisers and manures		3007·05
Feeds		951·76
Market charges		36·91
Irrigation rates		66·80
Rent (cash)		77·56
Depreciation		261·78
Repair charges		76·45
Miscellaneous charges		107·57
Interest on investment		1399·89
Management		1808·83
Total		10794·76

(a) Aman paddy, Jute and Wheat were grown on the leased area.

(b) 89·93 mds. of Aman paddy, 127·12 mds. Aman straw 7·32 mds. of Jute and 2·01 mds· of wheat were handed over to the landowner as his share.

Village—Chaknara *Block* – Memari-I *P.S.*—Memari *District*—Burdwan

No of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·06	Brinjal—	0·16	Owned—12·07 acres Leased – nil acres
Aman paddy—	7·90	Cabbage –	0·81	Given out on lease – nil acres Fallow—0·20 acres
Jute—	2·35	Bitter gourd –	0·12	Cultivated—11·87 acres
Potato & Pumpkin —	2·63			Family labour supply Man — 1
Wheat—	0·49			Woman—nil
Mustard—	0·21			Child—nil
Joar—	0·11			No. of bullocks owned—4

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	15058·54	Human labour	Family	49·46
			Hired	1951·32
Value of F. Y. M.	50·00	Hired bullock		–
Receipt from bullock hire	3·00	Seeds		593·74
Total	15111·54			
Add value of seeds, manure etc received from landlord	—	Fertilisers and manures		2288·67
Deduct value of share of crops	–	Feeds		722·47
Actual receipts	15111·54	Market charges		15·22
Total farm expenses	8869·16			
Farm earning	6242·38	Irrigation rates		* 93·90
Management charges	1054·10	Rent (cash)		89·00
Family wages	49·46			
Interest earned on capital	1695·77	Depreciation		211·87
Farm business income	9041·71	Repair charges		6·68
FARMER'S EARNING		Miscellaneous charges		96·96
On management	7296·48	Interest on investment		1695·77
On family labour	6291·84	Management		1054·10
On capital investment	7938·15	Total		8869·16

* An arrear irrigation rate of Rs. 8·60 was included.

Village—Mandalhat *Block*—Katwa-I *P.S.*—Katwa *District*—Burdwan

No. of Holding—I *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aman paddy & Khesari—	9·42	Onion—	0·24	(a) Owned—9 69 acres Leased—4·85 acres
Jute—	5·93	Lentil, Rai, Pea and Gram—	2·28	Givn out on lease—nil acres
Sugarcane—	0·41			Fallow—nil acres
Potato, Barley & Pumpkin—	2·05			Cultivated—14·54 acres
Kalai—	0·34			Family labour supply Man—3 Woman—nil Child—nil
Joar—	0·63			No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	16213·23
Value of F. Y. M.	37·50
Receipt from bullock hire	—
Total	16250·73
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 1581·95
Actual receipts	14668·78
Total farm expenses	11038·70
Farm earning	3630·08
Management charges	1134·93
Family wages	1072·06
Interest earned on capital	2101·36
Farm business income	7938·43
FARMER'S EARNING	
On management	4765·01
On family labour	4702·14
On capital investment	5731·44

EXPENDITURE		Rs.
Human labour	Family	1072·06
	Hired	2832·28
Hired bullock		52·00
Seeds		1001·97
Fertilisers and manures		1323·84
Feeds		673·00
Market charges		363·28
Irrigation rates		—
Rent (cash)		68 00
Depreciation		212·20
Repair charges		37·00
Miscellaneous charges		166·78
Interest on investment		2101·36
Management		1134·93
	Total	11038·70

(a) Aman paddy, Jute Potato, Khesari, Kalai, and Lentil were grown on the leased land.

(b) 51·90 mds. of Aman paddy, 74·48 mds. of Aman straw, 4·50 mds. of Jute, 22·13 mds. of Potato. 0 54 mds of Kalai, 0·32 mds. of Lentil and Khesari plant valued Rs. 32·00 were handed over to the landowner as his share.

Village—Mandalhat *Block*—Katwa-I P. S.—Katwa *District*—Burdwan

No. of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·20	Joar—	0·07	(a) Owned—4·30 acres Leased—2·93 acres
Aman paddy & Khesari—	4·35	*Linseed, Coriander, Pea, Rai, Gram, Barley, Lentil—	1·84	Given out on lease—nil acres Fallow—0·07 acres Cultivated—7·16 acres
Jute—	1·46			
Sugarcane—	0·20			Family labour supply Man—4
Potato & Pumpkin—	0·45			Woman—nil Child—nil
Kalai—	0·17			No. of bullocks owned—2

INCOME	Rs	EXPENDITURE		Rs.
Value of crops harvested	5560·59	Human labour	Family	1189·82
			Hired	987·04
Value of F.Y.M. .	37·50	Hired bullock		14·00
Receipt from bullock hire	—	Seeds		190·72
Total	5598·09	Fertilisers and manures		399·96
Add value of seeds, manure etc. received from landlord	—	Feeds		413·97
Deduct value of share of crops	(b) 908·10	Market charges		1·87
Actual receipts	4689·99	Irrigation rates		—
Total farm expenses	4742·87	Rent (cash)		31·37
Farm earning	–52·88	Depreciation		153·94
Management charges	389·24	Repair charges		17·00
Family wages	1189·82	Miscellaneous charges		30·06
Interest earned on capital	923·88	Interest on investment		923·88
Farm business income	2450·06	Management		389·24
FARMER'S EARNING		Total		4742·87
On management	336·36			
On family labour	1136·94			
On capital investment	871·00			

(a) Aman paddy mixed with Khesari, Jute and Lentil were grown on the leased land.

(b) 41·26 mds. of Aman paddy, 56·93 mds. of Aman straw, 2·41 mds. of Jute, 0·27 mds. of Lentil were handed over to the landowner as his share.

Village—Mandalhat *Block*—Katwa-I *P.S.*—Katwa *District*—Burdwan

No of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	0·28	Kalai—	0·13
Aman paddy & Khesari—	5·18	Rai, Pea, Lentil, & gram—	1·69
Jute—	2·79		
Sugarcane—	0·25		
Potato—	0·81		
Arhar, Joar & Sunhemp—	0·41		

Land and Labour

(a)
Owned—2·96 acres Leased—5·67 acres.
Given out on lease—nil acres
Fallow—nil acres
Cultivated—8·63 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	5639·32
Value of F. Y. M.	37·50
Receipt from bullock hire	—
Total	5676·82
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	(b) 1480·38
Actual receipts	4196·44
Total farm expenses	5232·49
Farm earning	-1036·05
Management charges	394·75
Family wages	811·43
Interest earned on capital	667·18
Farm business income	837·31
FARMER'S EARNING	
On management	-641·30
On family labour	-224·62
On capital investment	-368·87

EXPENDITURE		Rs.
Human labour	Family	811·43
	Hired	1544·62
Hired bullock		52·00
Seeds		597·90
Fertilisers and manures		517·38
Feeds		410·37
Market charges		16·06
Irrigation rates		—
Rent (cash)		8·00
Depreciation		153·31
Repair charges		15·00
Miscellaneous charges		44·49
Interest on investment		667·18
Management		394·75
Total		5232·49

(a) Aus paddy, Aman paddy, Jute Sugarcane, Potato, Khesari and Arhar were grown on the leased area.

(b) 1·79 mds, of Aus paddy, 64·97 mds, of Aman paddy, 91·09 mds. of Aman straw 4·68 mds. of Jute 3·22 mds. of Potato, 0·56 mds. of Sugarcane, 1·07 mds. of Arhar and 1·61 mds. of Khesari were handed over to the land owner as his shtare.

Village—Mandalhat *Block*—Katwa-I *P.S.*—Katwa *District*—Burdwan

No of Holding—IV *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy & Khesari—	5·66	Rai, Pea, Lentil & Gram— 1·88	(a) Owned—6·02 acres Leased—3·41 acres Given out on lease—nil acres Fallow—0·16 acres Cultivated—9·27 acres
Jute—	2·89		
Sugarcane—	0·20		
Potato—	0·73		Family labour supply Man—2 Woman—nil Child – nil No. of bullocks owned – 2
Kalai—	0·44		
Joar—	0·25		
Brinjal—	0·19		

INCOME	Rs.
Value of crops harvested	6343·56
Value of F. Y. M.	37·50
Receipt from bullock hire	—
Total	6381·06
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 807·51
Actual receipts	5573·55
Total farm expenses	5808·41
Farm earning	−234·86
Management charges	444·05
Family wages	297·61
Interest earned on capital	1318·85
Farm business income	1825·65
FARMER'S EARNING	
On management	209·19
On family labour	62·75
On capital investment	1083·99

EXPENDITURE		Rs.
Human labour	Family	297·61
	Hired	2032·15
Hired bullock		10·00
Seeds		414·12
Fertilisers and manures		588·85
Feeds		407·68
Market charges		33·56
Irrigation rates		—
Rent (cash)		39·33
Depreciation		144·33
Repair charges		20·00
Miscellaneous charges		57·88
Interest on investment		1318·85
Management		444·05
Total		5808·41

(a) Aman paddy , Jute and Potato were grown on the leased land.

(b) 1·26 mds. of Jute, 40·16 mds. Aman paddy, 29·12 mds. of Aman straw, Khesari plant valued Rs. 40·00 and 10·05 mds. of Potato were handed over to the landowner as his share.

Village—Mandalhat *Block*—Katwa-I *P.S.*—Katwa *District*—Burdwan

No. of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·94	Radish—	0·21	(a) Owned—3·30 acres Leased—3·00 acres Given out on lease—nil acres. Fallow—nil acres. Cultivated—6·30 acres.
Aman paddy & Khesari—	3·33	Onion—	0·21	
		Spongegourd & Puin—	0·74	
Jute—	2·52	Arhar, Pea, Rai, Lentil & Linseed—	0·84	Family labour supply Man—3 Woman—nil Child—nil No. of bullocks owned—2
Sugarcane—	0·11			
Potato, Barley & Pumpkin—	1·43			
Wheat—	0·16			

INCOME	Rs.
Value of crops harvested	6569·49
Value of F.Y.M.	37·50
Receipt from bullock hire	—
Total	6606·99
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 310·63
Actual receipts	6296·36
Total farm expenses	5725·58
Farm earning	570·78
Management charges	459·86
Family wages	917·89
Interest earned on capital	746·47
Farm business income	2695·00
FARMER'S EARNING	
On management	1030·64
On family labour	1488·67
On capital investment	1317·25

EXPENDITURE		Rs.
Human Labour	Family	917·89
	Hired	1319·37
Hired bullock		—
Seeds		657·45
Fertilisers and manures		682·68
Feeds		518·88
Market charges		181·45
Irrigation rates		—
Rent (cash)		29·62
Depreciation		124·11
Repair charges		27·00
Miscellaneous charges		60·80
Interest on investment		746·47
Management		459·86
Total		5725·58

(a) Sponge gourd, Jute, Aus paddy, Aman paddy, Khesari were grown on the leased land.

(b) 1·34 mds, of Aus paddy, 2·01 mds. of Aus straw, 5·22 mds, of Aman paddy. 7·53 mds of Aman straw, 2·68 mds of Jute and 0·67 mds. of Khesari and Rs. 75 in cash were handed over to the land owner as his share.

Village—Mandalhat *Block*—Katwa-I *P.S.*—Katwa *District*—Burdwan

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·85	Lentil, Rai, Pea, Gram, Linseed & Barley—	1·36	Owned—2·06 acres Leased—3·02 acres.(a) Given out on lease—nil acres Fallow – nil acres Cultivated—5·08 acres
Aman paddy & Khesari—	3·42			
Jute—	1·98			
Sugarcane—	0·20*			
Potato—	0·09			Family labour supply Man—3 Woman—nil Child—nil No. of bullocks owned—nil
Kalai—	0·74			
Brinjal—	0·20			

INCOME	Rs.
Value of crops harvested	3536·42
Value of F. Y. M.	—
Receipt from bullock hire	—
Total	3536·42
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 949·41
Actual receipts	2587·01
Total farm expenses	2536·07
Farm earning	50·94
Management charges	247·55
Family wages	649·88
Interest earned on capital	289·29
Farm business income	1237·66
FARMER'S EARNING	
On management	298·49
On family labour	700·82
On capital investment	340·23

EXPENDITURE		Rs.
Human labour	Family	649·88
	Hired	754·25
Hired bullock		149·00
Seeds		130·02
Fertilisers and manures		243·25
Feeds		—
Market charges		7·37
Irrigation rates		—
Rent (cash)		10·71
Depreciation		17·48
Repair charges		3·50
Miscellaneous charges		33·77
Interest on investment		289·29
Management		247·55
Total		2536·07

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* Sugarcane was sown in 0 20 acres of area, but damaged at an early stage.

(a) Aman paddy & Jute were grown on the leased area.

(b) 3·00 mds of Jute, 43·96 mds. of Aman paddy and 62·29 mds. of Aman straw were handed over to the landowner as his share.

Village—Mandalhat *Block*—Katwa-I *P.S.*—Katwa *District*—Burdwan

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·26	Rai, Pea, Lentil & Gram—	2·16	(a) Owned—3·55 acres Leased—1·74 acres Given out on lease—nil acres Fallow— 0·04 acres Cultivated—5·25 acres
Aman paddy & Khesari—	2·33			Family labour supply Man—2 Woman—nil Child—nil No. of bullocks owned—2
Jute—	3·47			
Sugarcane—	0·05			
Potato—	0·71			
Joar—	0·28			

INCOME	Rs.
Value of crops harvested	4464·45
Value of F.Y.M.	37·50
Receipt from bullock hire	—
Total	4501·95
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 459·18
Actual receipts	4042·77
Total farm expenses	4403·10
Farm earning	−360·33
Management charges	312·51
Family wages	511·98
Interest earned on capital	799·43
Farm business income	1263·59
FARMER'S EARNING	
On management	−47·82
On family labour	151·65
On capital investment	439·10

EXPENDITURE		Rs
Human labour	Family	511·98
	Hired	1375·38
Hired bullock		6·00
Seeds		332·89
Fertilisers and manures		394·11
Feeds		363·54
Market charges		62·81
Irrigation rates		—
Rent (cash)		7·61
Depreciation		183·92
Repair charges		15·00
Miscellaneous charges		37·92
Interest on investment		799 43
Management		312·51
Total		4403·10

(a) Aman paddy, Jute, Pea and Lentil were grown on the leased area.

(b) 6·89 mds, of Jute, 6·03 mds. of Aman paddy. 8 04 mds. of Aman straw, 0 80 mds of Pea and 1 5 mds of Lentil were handed over to the land owner as his share.

Village – Mandalhat *Block* – Katwa I *P.S.* – Katwa *District* – Burdwan

No. of Holding – VIII *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	0·33		Owned—1·21 acres Leased 0·13 acres. (a) Given out on lease – nil acres Fallow—0·07 acres Cultivated 1·27 acres
Aman paddy & Khesari—	0·64		
Jute—	0·29		Family labour supply
Potato —	0·17		Man – 1 Woman – nil Child – nil
Rai, Pea & Lentil—	0·38		No. of bullocks owned—nil

INCOME	Rs.
Value of crops harvested	1082·02
Value of F. Y. M.	–
Receipt from bullock hire	–
Total	1082·02
Add value of seeds, manure etc. received from landlord	–
Deduct value of share of crops	(b) 46·94
Actual receipts	1035·08
Total farm expenses	1077·36
Farm earning	– 42·28
Management charges	75·74
Family wages	172·31
Interest earned on capital	257·13
Farm business income	462·90
FARMER'S EARNING	
On management	33·46
On family labour	130·03
On capital investment	214·85

EXPENDITURE		Rs.
Human labour	Family	172·31
	Hired	304·35
Hired bullock		48·00
Seeds		74·80
Fertilisers and manures		90·55
Feeds		–
Market charges		19·18
Irrigation rates		–
Rent (cash)		7·85
Depreciation		14·59
Repair charges		1·25
Miscellaneous charges		11·61
Interest on investment		257·13
Management		75·74
Total		1077·36

(a) Jute, Pea and Lentil were grown on the leased land.

(2) ·03 mds of Rai, 1·61 mds· of Jute and ·08 mds· of Lentil were handed over to the landowner as his share.

Village—Rangapara *Block*—Kalna-I *P.S.*—Kalna *District*—Burdwan

No. of Holding—I *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aman paddy—	7·89	Brinjal—	0·05	(a) Owned – 9·75 acres Leased—nil acres Givn out on lease—0·47 acres Fallow—nil acres Cultivated—9·28 acres
Jute—	3·06	Arum—	0·03	
Sugarcane –	0·07	Coriander—	0·03	
Potato—	0·40			
Lentil—	0·35			Family labour supply Man—2 Woman—nil Child—nil No. of bullocks owned—2
Kalai—	0·17			
Khesari—	2·50			
Turmeric—	0·10			

INCOME	Rs.
Value of crops harvested	8643·55
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	8668·55
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	8668·55
Total farm expenses	6290·03
Farm earning	2378·52
Management charges	605·05
Family wages	365·99
Interest earned on capital	1333·85
Farm business income	4683·41
FARMER'S EARNING	
On management	2983·57
On family labour	2744·51
On capital investment	3712·37

EXPENDITURE		Rs.
Human labour	Family	365·99
	Hired	2001·47
Hired bullock		69·25
Seeds		329·23
Fertilisers and manures		683·12
Feeds		597·56
Market charges		—
Irrigation rates		—
Rent (cash)		73·59
Depreciation		80·82
Repair charges		14·40
Miscellaneous charges		135·70
Interest on investment		1333·85
Management		605·05
Total		6290·03

Village—Rangapara *Block*—Kalna-I *P.S.*—Kalna *District*—Burdwan

No of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aman paddy—	3·79	Brinjal—	1·04	(a) Owned—8·32 acres Leased—0·07 acres. Given out on lease—nil acres Fallow—nil acres Cultivated—8·39 acres
Jute—	4·43	Arum—	0·08	
Sugarcane—	0·14			
Potato—	1·94			
Lentil—	0·76			Family labour supply Man—2 Woman—nil Child—nil No. of bullocks owned—2
Pea—	0·12			
Gram—	0·08			
Khesari—	3·25			

INCOME	Rs.
Value of crops harvested	9800·14
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	9825·14
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 31·08
Actual receipts	9794·06
Total farm expenses	8039·17
Farm earning	1754·89
Management charges	686·01
Family wages	753·70
Interest earned on capital	1156·15
Farm business income	4350·75
FARMER'S EARNING	
On management	2440·90
On family labour	2508·59
On capital investment	2911·04

EXPENDITURE		Rs.
Human labour	Family	753·70
	Hired	1829·54
Hired bullock		109·87
Seeds		1169·62
Fertilisers and manures		1315·59
Feeds		557·47
Market charges		6·49
Irrigation rates		—
Rent (cash)		61·67
Depreciation		67·25
Repair charges		18·01
Miscellaneous charges		307·80
Interest on investment		1156·15
Management		686·01
Total		8039·17

(a) Sugarcane was sown on the leased land.

(b) 0·99mds. of Gur was handed over to the landowner as his share.

Village—Rangapara *Block*—Kalna-I *P.S.*—Kalna *District*—Burdwan

No of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aman paddy—	2·71	Gram—	0·03	(a) Owned—1·64 acres Leased—2·14 acres. Given out on lease—nil acres Fallow—nil acres Cultivated—3·78 acres
Jute—	1·89	Khesari—	1·31	
Sugarcane—	0·05	Brinjal—	0·10	
Potato—	0·26	Arum—	0·11	
Lentil & Barley—	0·30			Family labour supply Man—3 Woman—nil Child—nil No. of bullocks owned—nil
Pea—	0·02			
Kalai—	0·33			

INCOME	Rs.
Value of crops harvested	3278·43
Value of F. Y. M.	—
Receipt from bullock hire	—
Total	3278·43
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	(b) 518·24
Actual receipts	2760·19
Total farm expenses	2139·52
Farm earning	620·67
Management charges	229·49
Family wages	576·22
Interest earned on capital	230·94
Farm business income	1657·32
FARMER'S EARNING	
On management	850·16
On family labour	1196·89
On capital investment	851·61

EXPENDITURE		Rs.
Human labour	Family	576·22
	Hired	255·52
Hired bullock		250·04
Seeds		195·53
Fertilisers and manures		287·88
Feeds		—
Market charges		1·68
Irrigation rates		—
Rent (cash)		19·10
Depreciation		33·74
Repair charges		0·62
Miscellaneous charges		58·76
Interest on investment		230·94
Management		229·49
Total		2139·52

(a) Jute, Aman paddy, Kalai and Khesari were grown on the leased land.

(b) 3·00 mds. of Jute, 20·38 mds. of Aman paddy, 32·35 mds. of Aman straw, 0·80 mds. of Kalai and 0·54 mds of Khesari were handed over to the landowner as his share.

Village—Rangapara *Block*—Kalna-I *P.S.*—Kalna *District*—Burdwan

No of Holding—IV *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aman paddy—	3·37	Bhuro—	0·05
Jute—	2·02	Joar—	0·07
Sugarcane—	0·12	Brinjal—	0·25
Potato—	0·47	Tomato—	0·08
Lentil—	0·33	Arum—	0·05
Kalai—	0·07	Coriander—	0·05
Gram—	0·05		
Khesari—	0·52		

Land and Labour

(a)
Owned—3·00 acres Leased—1·90 acres
Given out on lease—nil acres
Fallow—nil acres
Cultivated—4·90 acres

Family labour supply
Man—1
Woman—1
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	4121·30
Value of F. Y. M.	37·50
Receipt from bullock hire	93·16
Total	4251·96
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 433·54
Actual receipts	3818·42
Total farm expenses	3614·71
Farm earning	203·71
Management charges	288·49
Family wages	341·32
Interest earned on capital	459·23
Farm business income	1292·75
FARMER'S EARNING	
On management	492·20
On family labour	545·03
On capital investment	662·94

EXPENDITURE		Rs.
Human labour	Family	341·32
	Hired	1091·33
Hired bullock		3·00
Seeds		220·23
Fertilisers and manures		395·80
Feeds		591·02
Market charges		2·64
Irrigation rates		—
Rent (cash)		16·97
Depreciation		64·89
Repair charges		7·22
Miscellaneous charges		132·57
Interest on investment		459·23
Management		288·49
Total		3614·71

(a) Jute and Aman paddy were grown on the leased land.

(b) 6·86 mds. of Jute, 11·57 mds. Aman paddy, and 14·12 mds. of Aman straw, were handed over to the landowner as his share.

Village—Rangapara *Block*—Kalna-I *P·S.*—Kalna *District*—Burdwan

No. of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres

Aman paddy—	3·17	Khesari—	3·17
Jute—	2·24	Mustard & Lentil—	0·60
Mesta—	0·13	Joar—	0·22
Sugarcane—	0·04	Brinjal—	0·25
Potato—	0·33	Lady's finger—	0·05
Lentil—	0·48	Radish—	0·07
Pea—	0·16	Arum—	0·12
Kalai—	0·38	Coriandea—	0·15

Land and Labour

Owned—6·31 acres Leased—nil acres
Given out on lease—0·09 acres.
Fallow—nil acres.
Cultivated—6·22 acres.

Family labour supply
Man—1
Woman—1
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	4629·16
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	4654·16
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	4654·16
Total farm expenses	3816·44
Farm earning	837·72
Management charges	324·04
Family wages	420·12
Interest earned on capital	800·79
Farm business income	2382·67
FARMER'S EARNING	
On management	1161·76
On family labour	1257·84
On capital investment	1638·51

EXPENDITURE		Rs.
Human Labour	Family	420·12
	Hired	1001·71
Hired bullock		5·00
Seeds		260·78
Fertilisers and manures		436·61
Feeds		375·47
Market charges		1·80
Irrigation rates		—
Rent (cash)		38·73
Depreciation		46·87
Repair charges		18·44
Miscellaneous charges		86·08
Interest on investment		800·79
Management		324·04
Total		3816·44

Village—Rangapara *Block*—Kalna-I *P. S.*—Kalna *District*—Burdwan

No. of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aman paddy—	2·24	Khesari—	1·48	Owned—3·78 acres Leased—nil acres Given out on lease—nil acres Fallow—nil acres Cultivated—3·78 acres
Jute—	1·90	Joar—	0·08	
Sugarcane—	0·04	Radish—	0·05	
Potato—	0·58	Arum—	0·02	
Lentil—	0·33			Family labour supply Man—1 Woman—1 Child—nil No. of bullocks owned—2
Pea—	0·10			
Kalai—	0·12			
Gram—	0·03			

INCOME	Rs
Value of crops harvested	3068·73
Value of F.Y.M.	25·00
Receipt from bullock hire	10·00
Total	3103·73
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	3103·73
Total farm expenses	3058·87
Farm earning	44·86
Management charges	214·81
Family wages	427·73
Interest earned on capital	526·57
Farm business income	1213·97
FARMER'S EARNING	
On management	259·67
On family labour	472·59
On capital investment	571·43

EXPENDITURE		Rs.
Human labour	Family	427·73
	Hired	567·34
Hired bullock		7·50
Seeds		327·45
Fertilisers and manures		414·07
Feeds		374·31
Market charges		0·06
Irrigation rates		—
Rent (cash)		24·38
Depreciation		59·85
Repair charges		55·90
Miscellaneous charges		58·90
Interest on investment		526·57
Management		214·81
	Total	3058·87

Village—Rangapara *Block*—Kalna-I P.S.—Kalna *District*—Burdwan

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aman paddy—	6·14	Khesari—	3·82
Jute—	3·57	Joar—	0·12
Sugarcane—	0·10	Brinjal—	0·91
Potato—	1·32	Radish—	0·26
Lentil—	0·49	Onion—	0·07
Pea—	0·07	Arum—	0·21
Kalai—	0·21		
Gram—	0·05		

Land and Labour (a)

Owned—4·78 acres Leased—4·99 acres
Given out on lease—0·06acres
Fallow—nil acres
Cultivated—9·71 acres

Family labour supply
Man—3
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	9201·57
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	9226·57
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 1387·01
Actual receipts	7839·56
Total farm expenses	6707·55
Farm earning	1132·01
Management charges	644·11
Family wages	1197·95
Interest earned on capital	738·14
Farm business income	3712·21
FARMER'S EARNING	
On management	1776·12
On family labour	2329·96
On capital investment	1870·15

EXPENDITURE		Rs
Human labour	Family	1197·95
	Hired	1224·01
Hired bullock		95·84
Seeds		909·12
Fertilisers and manures		1057·45
Feeds		567·78
Market charges		3·86
Irrigation rates		—
Rent (cash)		37·67
Depreciation		103·76
Repair charges		47·25
Miscellaneous charges		80·61
Interest on investment		738·14
Management		644·11
Total		6707·55

(a) Jute, Aman paddy, Sugarcane, Lentil and Khesari were grown on the leased land.

(b) 7·75 mds. of Jute fibre, 54·12 mds. of Aman paddy, 81·25 mds. of Aman straw 2·25 mds. of Gur, 0·13 mds. of Lentil, 1·07 mds. of Khesari and cattle feed amounting to Rs. 33·00 were handed over to the land owner as his share.

Village—Rangapara *Block* – Kalna-I *P.S.* – Kalna *District* – Burdwan

No. of Holding – VIII *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres		
Aman paddy—	2·68	
Jute—	1·62	
Sugarcane –	0·07	
Potato—	0·25	
Lentil—	0·54	
Kalai—	0·26	
Gram—	0·16	
Khesari—	0·38	

Land and Labour

(a)
Owned—1·71 acres Leased 1·99 acres.
Given out on lease – nil acres
Fallow—nil acres Cultivated 3·70 acres

Family labour supply
Man – 1
Woman – 1
Child – nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	2973·31
Value of F. Y. M.	25·00
Receipt from bullock hire	186·37
Total	3184·68
Add value of seeds, manure etc. received from landlord	–
Deduct value of share of crops	(b) 489·78
Actual receipts	2694·90
Total farm expenses	2133·41
Farm earning	561·49
Management charges	208·13
Family wages	329·65
Interest earned on capital	259·69
Farm business income	1358·96
FARMER'S EARNING	
On management	769·62
On family labour	891·14
On capital investment	821·18

EXPENDITURE		Rs.
Human labour	Family	329·65
	Hired	566·14
Hired bullock		48·10
Seeds		137·12
Fertilisers and manures		252·69
Feeds		263·30
Market charges		–
Irrigation rates		–
Rent (cash)		13·68
Depreciation		29·67
Repair charges		13·27
Miscellaneous charges		11·97
Interest on investment		259·69
Management		208·13
Total		2133·41

(a) Jute, Lentil, Sugarcane and Aman paddy were handed over to the land owner as his share.

(b) 2·44 mds. of Jute fibre, 0·13 mds, of Lentil, 1·45 mds, of Gur, 19·99 mds. of Aman paddy and 23·25 mds. of Aman straw were handed over to the land owner as his share

Village—Goswamimalipara *Block*—Polba *P.S.*—Polba *District*—Hooghly

No. of Holding—I *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	9·02		Owned – 10·48 acres Leased—nil acres Givn out on lease—nil acres Fallow—nil acres Cultivated—10·48 acres Family labour supply Man—2 Woman—1 Child—nil No. of bullocks owned—2
Jute—	1·83		
Potato –	0·99		
Kalai—	0·30		
Mustard—	0·17		

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	10347·18	Human labour	Family	351·37
			Hired	1605·39
Value of F. Y. M.	25·00	Hired bullock		24·02
Receipt from bullock hire	—	Seeds		428·12
Total	10372·18			
Add value of seeds, manure etc. received from landlord	–	Fertilisers and manures		765·82
Deduct value of share of crops	—	Feeds		557·04
Actual receipts	10372·18	Market charges		—
Total farm expenses	6301·97	Irrigation rates		—
Farm earning	4070·21			
Management charges	724·30	Rent (cash)		89·57
Family wages	351·37	Depreciation		130·40
Interest earned on capital	1573·70			
Farm business income	6719·58	Repair charges		22·00
FARMER'S EARNING		Miscellaneous charges		30·24
On management	4794·51	Interest on investment		1573·70
On family labour	4421·58	Management		724·30
On capital investment	5643·91	Total		6301·97

Village—Goswamimalipara *Block*—Polba *P. S.*—Polba *District*—Hooghly

No. of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres	
Aman paddy—	8·73
Jute—	0·78
Mesta—	0·44
Potato—	0·53
Kalai—	0·44
Gram & Mustard—	0·38
Corriander—	0·10

Land and Labour

Owned—9·81 acres Leased—nil acres
Given out on lease—0·11 acres
Cultivated—9·70 acres

Family labour supply
Man—2
Woman—nil
Child—1
No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	8022·50
Value of F.Y.M.	37·50
Receipt from bullock hire	—
Total	8060·00
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	8060·00
Total farm expenses	5019·12
Farm earning	3040·88
Management charges	561·58
Family wages	373·15
Interest earned on capital	1415·86
Farm business income	5391·47
FARMER'S EARNING	
On management	3602·46
On family labour	3414·03
On capital investment	4456·74

EXPENDITURE		Rs.
Human labour	Family	373·15
	Hired	1231·38
Hired bullock		41·88
Seeds		291·51
Fertilisers and manures		379·01
Feeds		513·79
Market charges		—
Irrigation rates		—
Rent (cash)		75·45
Depreciation		106·55
Repair charges		13·50
Miscellaneous charges		15·46
Interest on investment		1415·86
Management		561·58
Total		5019·12

Village—Goswamimalipara *Block*—Polba *P.S.*—Polba *District*—Hooghly

No. of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	7·05		Owned—7·54 acres Leased—nil acres Given out on lease—nil acres Fallow—nil acres Cultivated—7·54 acres
Jute—	0·81		
Potato & Pumpkin—	0·25		
Kalai—	0·24		Family labour supply Man—4 Woman—nil Child—nil No. of bullocks owned—2
Mustard—	0·21		
Joar—	0·29		
Onion—	0·10		

INCOME	Rs.
Value of crops harvested	4706·44
Value of F.Y.M.	25·00
Receipt from bullock hire	88·75
Total	4820·19
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	4820·19
Total farm expenses	3830·13
Farm earning	990·06
Management charges	329·45
Family wages	432·45
Interest earned on capital	1074·71
Farm business income	2826·67
FARMER'S EARNING	
On management	1319·51
On family labour	1422·51
On capital investment	2064·77

EXPENDITURE		Rs
Human labour	Family	432·45
	Hired	923·41
Hired bullock		16·75
Seeds		185·65
Fertilisers and manures		345·40
Feeds		410·83
Market charges		—
Irrigation rates		—
Rent (cash)		66·80
Depreciation		15·46
Repair charges		21·24
Miscellaneous charges		7·98
Interest on investment		1074·71
Management		329·45
Total		3830·13

Village—Goswamimalipara *Block* – Polba *P.S.* – Polba *District* – Hooghly

No. of Holding – IV *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	5·16		Owned—5·99 acres Leased nil acres.
Jute—	1·59		Given out on lease – 0·16 acres
Potato –	0·62		Fallow—nil acres Cultivated 5·83 acres.
Gram & Mustard—	0·18		Family labour supply
Mustard—	0·10		Man – 1
Corriander—	0·07		Woman – 1
			Child – nil
			No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	5668·58
Value of F. Y. M.	37·50
Receipt from bullock hire	25·00
Total	5731·08
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	5731·08
Total farm expenses	4100·75
Farm earning	1630·33
Management charges	396·80
Family wages	239·80
Interest earned on capital	876·88
Farm business income	3143·81
FARMER'S EARNING	
On management	2027·13
On family labour	1870·13
On capital investment	2507·21

EXPENDITURE		Rs.
Human labour	Family	239·80
	Hired	1170·10
Hired bullock		1·50
Seeds		333·35
Fertilisers and manures		342·25
Feeds		406·74
Market charges		3·68
Irrigation rates		20·85
Rent (cash)		64·10
Depreciation		63·76
Repair charges		140·63
Miscellaneous charges		40·31
Interest on investment		876·88
Management		396·80
Total		4100·75

Village—Goswamimalipara *Block*—Polba *P·S.*—Polba *District*—Hooghly

No. of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	4·82		Owned—5·10 acres Leased—nil acres Given out on lease—nil acres. Fallow—nil acres. Cultivated—5·10 acres.
Jute—	1·11		
Potato—	0·18		
Kalai—	0·10		
Mustard—	0·13		Family labour supply Man—3 Woman—nil Child—1 No. of bullocks owned—2
Onion—	0·06		

INCOME	Rs.
Value of crops harvested	3514·69
Value of F.Y.M.	25·00
Receipt from bullock hire	63·75
Total	3603·44
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	3603·44
Total farm expenses	2797·14
Farm earning	806·30
Management charges	246·03
Family wages	523·96
Interest earned on capital	739·68
Farm business income	2315·97
FARMER'S EARNING	
On management	1052·33
On family labour	1330·26
On capital investment	1545·98

EXPENDITURE		Rs.
Human Labour	Family	523 96
	Hired	474·22
Hired bullock		—
Seeds		132·64
Fertilisers and manures		224·77
Feeds		296·15
Market charges		-
Irrigation rates		32·17
Rent (cash)		55·46
Depreciation		56·90
Repair charges		10·01
Miscellaneous charges		5·15
Interest on investment		739·68
Management		246·03
Total		2797·14

Village—Goswamimalipara *Block*—Polba *P.S.*—Polba *District*—Hooghly

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres	
Aman paddy—	6·82
Jute—	1·81
Potato & Pumpkin—	0·57
Kalai—	0·93
Mustard—	0·49

Land and Labour

Owned—4·99 acres Leased—3·98 acres. (a)
Given out on lease—nil acres
Fallow – nil acres
Cultivated—8·97 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	6375·37
Value of F. Y. M.	37·50
Receipt from bullock hire	—
Total	6412·87
Add value of seeds, manure etc. received from landlord	175·68
Deduct value of share of crops	(b) 1331·66
Actual receipts	5256·89
Total farm expenses	4070·02
Farm earning	1186·87
Management charges	446·28
Family wages	436·83
Interest earned on capital	754·89
Farm business income	2824·87
FARMER'S EARNING	
On management	1633·15
On family labour	1623·70
On capital investment	1941·76

EXPENDITURE		Rs.
Human labour	Family	436·83
	Hired	1130·78
Hired bullock		12·45
Seeds		345·63
Fertilisers and manures		476·45
Feeds		285·28
Market charges		—
Irrigation rates		31·05
Rent (cash)		62·28
Depreciation		64·11
Repair charges		5·05
Miscellaneous charges		18·94
Interest on investment		754·89
Management		446·28
Total		4070·02

(a) Aman paddy, Jute, Potato and Kalai were grown on the leased land.

(b) 7·37 mds. Jute fibre. 27·34 mds. of Aman paddy, 37·52 mds. of Aman straw, 34·17 mds. of Potato, 0·64 mds. of Ka lai and 1·13 mds. of Kalai straw were handed over to the landowner as his share.

Village—Goswamimalipara *Block* – Polba *P.S.*—Polba *District*—Hooghly

No of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		
Aman paddy—	3·61	
Jute—	1·12	
Sugarcane—	0·08	
Potato & Pumpkin—	0·56	
Kalai—	0·24	
Mustard—	0·11	
Onion—	0·10	

Land and Labour

Owned—4·41 acres Leased – nil acres.
Given out on lease – nil acres
Fallow—nil acres
Cultivated—4·41 acres

Family labour supply
Man—3
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested.	4512·07
Value of F. Y. M.	37·50
Receipt from bullock hire	158·89
Total	4708·46
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	—
Actual receipts	4708·46
Total farm expenses	3781·62
Farm earning	926·84
Management charges	315·84
Family wages	623·28
Interest earned on capital	676·37
Farm business income	2542·33
FARMER'S EARNING	
On management	1242·68
On family labour	1550·12
On capital investment	1603·21

EXPENDITURE		Rs.
Human labour	Family	623·28
	Hired	656·54
Hired bullock		—
Seeds		289·40
Fertilisers and manures		422·86
Feeds		481·46
Market charges		4·75
Irrigation rates		—
Rent (cash)		37·81
Depreciation		121·55
Repair charges		65·51
Miscellaneous charges		86·25
Interest on investment		676·37
Management		315·84
Total		3781·62

Village—Goswamimalipara *Block*—Polba *P.S.*—Polba *District*—Hooghly

No of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		*Land and Labour*
Aman paddy–	3·74	(a) Owned—2·52 acres Leased—2·15 acres Given out on lease—nil acres Fallow—nil acres Cultivated—4·67 acres
Jute—	1·41	
Potato & Pumpkin—	0·60	
Lentil & Mustard—	0·16	Family labour supply Man—2 Woman—nil Child–2 No. of bullocks owned–2
Kalai—	0·40	
Mustard—	0·10	

INCOME	Rs.
Value of crops harvested	4685·23
Value of F. Y. M.	25·00
Receipt from bullock hire	34·27
Total	4744·50
Add value of seeds, manure etc. received from landlord	21·00
Deduct value of share of crops	(b) 555·23
Actual receipts	4210·27
Total farm expenses	3190·94
Farm earning	1019·33
Management charges	327·97
Family wages	464·91
Interest earned on capital	401·56
Farm business income	2213·77
FARMER'S EARNING	
On management	1347·30
On family labour	1484·24
On capital investment	1420·89

EXPENDITURE		Rs.
Human labour	Family	464·91
	Hired	853·43
Hired bullock		28·27
Seeds		314·01
Fertilisers and manures		365·22
Feeds		268·01
Market charges		10·82
Irrigation rates		11·17
Rent (cash)		36·12
Depreciation		46·06
Repair charges		20·18
Miscellaneous charges		43·21
Interest on investment		401·56
Management		327·97
Total		3190·94

(a) Aman paddy was grown on the leased area.

(b) 29·48 mds. of Aman paddy, and 42·34 mds. of Aman straw, were handed over to the landowner as his share.

Village—Basudebpur *Block*—Haripal *P.S.*—Haripal *District*—Hooghly

No. of Holding—I *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aman paddy—	9·14	Brinjal—	0·90
Jute—	5·57	Ladies' finger—	0·62
Potato, Cucumber, Bittergourd, Pumpkin, Brinjal Cauliflower & Cabbage—	3·44	Patal—	0·12
		Onion—	0·16
		Snake gourd—	0·12
		Arum—	0·30
		Spinach—	0·68
Joar—	0·08	Puin—	0·10

Land and Labour

(a)

Owned—9·27 acres Leased—1·67 acres
Given out on lease—nil acres.
Fallow—nil acres.
Cultivated—10·94 acres.

Family labour supply
Man—3
Woman—2
Child—2
No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	25201·80
Value of F.Y.M.	50·00
Receipt from bullock hire	—
Total	25251·80
Add value of seeds, manure etc. received from landlord	4·30
Deduct value of share of crops	(b) 472·13
Actual receipts	24783·97
Total farm expenses	14671·57
Farm earning	10112·40
Management charges	1764·13
Family wages	585·40
Interest earned on capital	1704·10
Farm business income	14166·03
FARMER'S EARNING	
On management	11876·53
On family labour	10697·80
On capital investment	11816·50

EXPENDITURE		Rs.
Human Labour	Family	585·40
	Hired	3502·24
Hired bullock		20·80
Seeds		2255·94
Fertilisers and manures		2703·78
Feeds		917·97
Market charges		29·72
Irrigation rates		99·00
Rent (cash)		103·08
Depreciation		248·49
Repair charges		71·51
Miscellaneous charges		665·41
Interest on investment		1704·10
Management		1764·13
Total		14671·57

(a) Aman paddy was grown on the leased land,

(b) 23·87 mds. of paddy and 38 mds. of straw were given to the landowner as his share.

Village—Basudebpur *Block*—Haripal *P.S.*—Haripal *District*—Hooghly

No of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aman paddy—	6·81	Pumpkin & Snakegourd—	0·10	(a) Owned—6·72 acres Leased—1·52 acres. Given out on lease—nil acres Fallow – nil acres Cultivated—8·24 acres
Jute—	6·18	Ladies' finger—	0·53	
Potato, Brinjal Pumpkin, Cauliflower, Bittergourd, Cucumber—	2·73	Onion—	0·03	Family labour supply Man—3 Woman—nil Child—2 No. of bullocks owned—4
Khesari—	0·83	Spinach—	0·31	
Brinjal—	0·29			

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	20515·99	Human labour	Family	705·57
Value of F. Y. M.	50·00		Hired	2844·92
Receipt from bullock hire	22·00	Hired bullock		27·35
Total	20587·99	Seeds		1776·12
Add value of seeds, manure etc. received from landlord	—	Fertilisers and manures		2422·56
Deduct value of share of crops	(b) 961·69	Feeds		939·90
Actual receipts	19626·30	Market charges		8·30
Total farm expenses	12104·05	Irrigation rates		64·00
Farm earning	7522·25	Rent (cash)		75·01
Management charges	1436·12	Depreciation		210·41
Family wages	705·57	Repair charges		35·32
Interest earned on capital	1266·94	Miscellaneous charges		291·53
Farm business income	10930·88	Interest on investment		1266·94
FARMER'S EARNING		Management		1436·12
On management	8958·37	Total		12104·05
On family labour	8227·82			
On capital investment	8789·19			

(a) Jute and Aman paddy were grown on the leased land.

(b) 11·72 mds. of Jute fibre. 13·4 mds. of Jute stick, 23·37 mds. of Aman paddy, 35 mds. of Aman straw were handed over to the landowner as his share

Village—Basudebpur *Block*—Haripal *P.S.*—Haripal *District*—Hooghly

No. of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		*Land and Labour*
Aman paddy—	5·00	[a] Owned—4·18 acres Leased—1·96 acres Given out on lease—nil acres Fallow—nil acres Cultivated—6·14 acres
Jute—	2·44	
Potato, Pumpkin, Bittergourd & Cucumber—	2·33	Family labour supply Man—3 Woman—nil Child—2 No. of bullocks owned—2
Khesari—	0·39	
Brinjal—	0·17	
Ladies' finger—	0·44	

INCOME	Rs.
Value of crops harvested	12308·48
Value of F.Y.M.	25·00
Receipt from bullock hire	16·75
Total	12350·23
Add value of seeds, manure etc. received from landlord	300·90
Deduct value of share of crops	[b] 1678·90
Actual receipts	10972·23
Total farm expenses	7340·67
Farm earning	3631·56
Management charges	861·59
Family wages	1087·42
Interest earned on capital	747·58
Farm business income	6328·15
FARMER'S EARNING	
On management	4493·15
On family labour	4718·98
On capital investment	4379·14

EXPENDITURE		Rs
Human labour	Family	1087·42
	Hired	1339·98
Hired bullock		56·22
Seeds		1260·10
Fertilisers and manures		1162·16
Feeds		472·95
Market charges		13·30
Irrigation rates		34·40
Rent (cash)		40·28
Depreciation		129·94
Repair charges		0·37
Miscellaneous charges		134·38
Interest on investment		747·58
Management		861·59
Total		7340·67

(a) Jute, Aman paddy and Potato along with Pumpkin were grown on the leased land.

(b) 6·83 mds. of Jute fibre, 19·25 mds. of Aman paddy, 28 mds. of Aman straw, 59·67 mds. of Potato, Pumpkin valued Rs. 26·50 were handed over to the landowner as his share.

Village—Basudebpur *Block* – Haripal *P.S.* – Haripal *District* – Hooghly

No. of Holding – IV *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres				*Land and Labour*
Aman paddy—	3·47	Ladies' finger—	0·10	Owned—5·60 acres Leased nil acres.
Jute—	3·02	Bitter gourd—	0·07	Given out on lease – nil acres
Potato, Pumpkin, Brinjal, Bittergourd, Cucumber—	2·59			Fallow—nil acres Cultivated 5·60 acres. Family labour supply Man – 2
Khesari—	0·56			Woman – 1
Joar—	0·05			Child – 2
Brinjal—	0·43			No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	10995·37
Value of F. Y. M.	25·00
Receipt from bullock hire	45·50
Total	11065·87
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	11065·87
Total farm expenses	7360·13
Farm earning	3705·74
Management charges	769·68
Family wages	809·39
Interest earned on capital	906·75
Farm business income	6191·56
FARMER'S EARNING	
On management	4475·42
On family labour	4515·13
On capital investment	4612·49

EXPENDITURE		Rs.
Human labour	Family	809·39
	Hired	1346·34
Hired bullock		71·52
Seeds		1430 86
Fertilisers and manures		1317·09
Feeds		388·47
Market charges		6·95
Irrigation rates		40·25
Rent (cash)		54·90
Depreciation		134·98
Repair charges		18 00
Miscellaneous charges		64·95
Interest on investment		906·75
Management		769·68
Total		7360·13

Village—Basudebpur *Block*—Haripal *P.S.*—Haripal *District*—Hooghly

No. of Holding—V *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aman paddy—	2·62	Joar—	0·17	Owned – 4·36 acres Leased—nil acres Givn out on lease—nil acres Fallow—nil acres Cultivated—4·36 acres Family labour supply Man—3 Woman—nil Child—1 No. of bullocks owned—2
Jute—	2·39	Ladies' finger–	0·17	
Mesta –	0·40	Spinach—	0·20	
Potato, Brinjal, Pumpkin, Tomato, Cabbage, Cauliflower & Cucumber—	1·90			

INCOME	Rs.
Value of crops harvested	9497·58
Value of F. Y. M.	25·00
Receipt from bullock hire	5·00
Total	9527·58
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	9527·58
Total farm expenses	5924·32
Farm earning	3603·26
Management charges	664·83
Family wages	926·28
Interest earned on capital	710·16
Farm business income	5904·53
FARMER'S EARNING	
On management	4268·09
On family labour	4529·54
On capital investment	4313·42

EXPENDITURE		Rs.
Human labour	Family	926·28
	Hired	791·44
Hired bullock		6·36
Seeds		1089·39
Fertilisers and manures		1015·38
Feeds		386·20
Market charges		4·45
Irrigation rates		35·33
Rent (cash)		58·39
Depreciation		131·07
Repair charges		—
Miscellaneous charges		105·04
Interest on investment		710·16
Management		664·83
Total		5924·32

Village—Basudebpur *Block*—Haripal *P. S.*—Haripal *District*—Hooghly

No. of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aman paddy—	4·52	Ladies' finger—	0·08
Jute—	2·61		
Potato, Pumpkin, Cabbage, Cauliflower, Bittergourd, & Cucumber -	1·66		
Kalai—	0·17		
Khesari—	0·34		

Land and Labour

(a)
Owned—2·04 acres Leased—3·92 acres
Given out on lease—nil acres
Fallow—nil acres
Cultivated—5·96 acres

Family labour supply
Man—5
Woman—nil
Child—3
No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	9873·90
Value of F.Y.M.	25·00
Receipt from bullock hire	5·75
Total	9904·65
Add value of seeds, manure etc. received from landlord	279·84
Deduct value of share of crops	(b) 1855·28
Actual receipts	8329·21
Total farm expenses	5377·84
Farm earning	2951·37
Management charges	691·17
Family wages	901·97
Interest earned on capital	395·01
Farm business income	4939·52
FARMER'S EARNING	
On management	3642·54
On family labour	3853·34
On capital investment	3346·38

EXPENDITURE		Rs.
Human labour	Family	901·97
	Hired	937·35
Hired bullock		24·98
Seeds		1001·54
Fertilisers and manures		789·69
Feeds		398·75
Market charges		6·11
Irrigation rates		16·00
Rent (cash)		19·35
Depreciation		123·20
Repair charges		20·00
Miscellaneous charges		52·72
Interest on investment		395·01
Management		691·17
Total		5377·84

(a) Jute, Aman paddy and Potato along with Pumpkin were grown on the leased area

(b) 7·77 mds of Jute fibre, 9·38 mds of Jute stick, 33 87 mds of Aman paddy, 50 mds of paddy straw, 49 57 mds. of Potato and Pumpkin valued Rs 25·00 were handed over to the landowner as his share

Village—Basudebpur *Block* – Haripal *P.S.*—Haripal *District*—Hooghly

No of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	1·46		Owned—3·34 acres Leased – nil acres. Given out on lease – nil acres Fallow—nil acres Cultivated—3·34 acres
Jute—	2·16		
Potato & Pumpkin—	1·70		
Brinjal—	0·33		Family labour supply Man – 2 Woman—nil Child—2 No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	7026·64
Value of F. Y. M.	25·00
Receipt from bullock hire	42·75
Total	7094·39
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	—
Actual receipts	7094·39
Total farm expenses	4756·74
Farm earning	2337·65
Management charges	491·86
Family wages	670·25
Interest earned on capital	550·94
Farm business income	4050·70
FARMER'S EARNING	
On management	2829·51
On family labour	3007·90
On capital investment	2888·59

EXPENDITURE		Rs.
Human labour	Family	670·25
	Hired	803·97
Hired bullock		4·88
Seeds		1088·10
Fertilisers and manures		577·57
Feeds		387·00
Market charges		1·22
Irrigation rates		23·51
Rent (cash)		29·49
Depreciation		112·39
Repair charges		—
Miscellaneous charges		15·56
Interest on investment		550·94
Management		491·86
Total		4756·74

Village—Basudebpur *Block*—Haripal *P.S.*—Haripal *District*—Hooghly

No of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	0·60		Owned—0·81 acres Leased—nil acres Given out on lease—nil acres Fallow—nil acres Cultivated—0·81 acres
Jute—	0·71		
Potato—	0·50		
Kalai—	0·10		
Joar—	0·04		Family labour supply Man—1 Woman—nil Child—nil No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	1903·42
Value of F. Y. M.	25·00
Receipt from bullock hire	148·50
Total	2076·92
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	2076·92
Total farm expenses	1614·51
Farm earning	462·41
Management charges	133·24
Family wages	291·85
Interest earned on capital	148·54
Farm business income	1036·04
FARMER'S EARNING	
On management	595·65
On family labour	754·26
On capital investment	610·95

EXPENDITURE		Rs.
Human labour	Family	291·85
	Hired	141·30
Hired bullock		1·62
Seeds		290·73
Fertilisers and manures		168·45
Feeds		324·01
Market charges		—
Irrigation rates		—
Rent (cash)		10·00
Depreciation		103·65
Repair charges		—
Miscellaneous charges		1·12
Interest on investment		148·54
Management		133·24
Total		1614·51

Village—Abinashpur *Block*—Suri-II *P.S.*—Suri *District*—Birbhum

No. of Holding—1 *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	0·25	Sponge Gourd, Danta, Gourd.	Owned—6·35 acres Leased—nil acres
Aman paddy—	5·95	Puin, Garlic & Cucumber—0·18	Given out on lease—nil acres
Sugarcane—	0·15		Fallow—nil acres
Potato—	0·15		Cultivated—6·35 acres
Wheat—	0·20		Family labour supply
Lentil—	0·10		Man—3
Gram—	0·21		Woman—nil
Onion—	0·12		Child—nil
			No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	4183·37
Value of F.Y.M.	54·00
Receipt from bullock hire	—
Total	4237·37
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	4237·37
Total farm expenses	3837·11
Farm earning	400·26
Management charges	292·84
Family wages	570·04
Interest earned on capital	1032·54
Farm business income	2295·68
FARMER'S EARNING	
On management	693·10
On family labour	970·30
On capital investment	1432·80

EXPENDITURE		Rs
Human labour	Family	570·04
	Hired	565·56
Hired bullock		—
Seeds		127·41
Fertilisers and manures		465·11
Feeds		510·53
Market charges		—
Irrigation rates		47·90
Rent (cash)		21·05
Depreciation		133·66
Repair charges		25·00
Miscellaneous charges		45·47
Interest on investment		1032·54
Management		292·84
Total		3837·11

Village—Abinashpur *Block* – Suri-II *P.S.* – Suri *District* – Birbhum

No. of Holding – II *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·79	Til—	0·10	(a) Owned—5·77 acres Leased 1·25 acres. Given out on lease – nil acres Fallow—nil acres Cultivated 7·02 acres.
Aman paddy—	5·69	Brinjal—	0·10	
Sugarcane—	0·32	Pumpkin & Bittergourd—	0·43	
Potato—	0·30	Onion—	0·25	
Wheat—	0·45	Arum—	0·05	Family labour supply Man – 3 Woman – nil Child – nil
Lentil—	0·34	Sunnhemp—	0·13	
Mustard—	0·26			
Turmeric—	0·02			No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	5121·46
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	5146·46
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 452·16
Actual receipts	4694·30
Total farm expenses	3392·16
Farm earning	1302·14
Management charges	358·50
Family wages	433·01
Interest earned on capital	953·27
Farm business income	3046·92
FARMER'S EARNING	
On management	1660·64
On family labour	1735·15
On capital investment	2255·41

EXPENDITURE		Rs.
Human labour	Family	433·01
	Hired	346·23
Hired bullock		—
Seeds		192·61
Fertilisers and manures		546·10
Feeds		294·91
Market charges		—
Irrigation rates		58·50
Rent (cash)		24·22
Depreciation		114·59
Repair charges		27·50
Miscellaneous charges		42·72
Interest on investment		953·27
Management		358·50
Total		3392·16

(a) Aus paddy, Aman paddy, Sugarcane and Potato were grown on the leased land.

(b) 1·75 mds. of Aus paddy, 20·97 mds. of Aman paddy, 7·20 mds. of Aman straw 3·25 mds· of Sugarcane and 2·37 mds .of Potato were handed over to the landowner as his share.

Village—Abinashpur *Block*—Suri-II *P.S.*—Suri *District*—Birbhum

No. of Holding—III *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres	
Aus paddy—	0·06
Aman paddy—	6·18
Sugarcane—	0·12
Potato—	0·12
Sunnhemp—	0·06

Land and Labour

(a)

Owned – 1·82 acres Leased—4·54 acres
Givn out on lease—nil acres
Fallow—nil acres
Cultivated—6·36 acres

Family labour supply
Man—2
Woman—2
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	3404·68
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	3429·68
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 1193·55
Actual receipts	2236·13
Total farm expenses	1884·69
Farm earning	351·44
Management charges	238·33
Family wages	490·90
Interest earned on capital	288·68
Farm business income	1369·35
FARMER'S EARNING	
On management	589·77
On family labour	842·34
On capital investment	640·12

EXPENDITURE		Rs.
Human labour	Family	490·90
	Hired	72·25
Hired bullock		—
Seeds		82·63
Fertilisers and manures		407·20
Feeds		228·40
Market charges		—
Irrigation rates		18·20
Rent (cash)		4·50
Depreciation		28·19
Repair charges		—
Miscellaneous charges		25·41
Interest on investment		288·68
Management		238·33
Total		1884·69

(a) Aman paddy and Sugarcane were handed over to the landowner as his share-

(b) 76·87 mds. of Aman paddy and 27 mds. of Aman straw were handed over to the landowner as his share.

Village—Abinashpur *Block*—Suri-II P. S.—Suri *District*—Birbhum

No. of Holding—IV *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres

Aus paddy—	0·51	Lentil & Mustard—	0·09
Aman paddy—	10·50	Onion—	0·04
Sugarcane—	0·19		
Potato, Pumpkin, Sponge-gourd, Bittergourd, & Cucumber—	0·19		
Wheat—	0·55		

Land and Labour

Owned—4·07 acres Leased—7·13 acres (a)
Given out on lease—nil acres
Fallow—nil acres
Cultivated—11·20 acres

Family labour supply
Man—3
Woman—nil
Child—nil
No. of bullocks owned—4

INCOME	Rs
Value of crops harvested	6533·60
Value of F.Y.M.	50·00
Receipt from bullock hire	—
Total	6583·60
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 1820·87
Actual receipts	4762·73
Total farm expenses	4101·41
Farm earning	661·32
Management charges	457·35
Family wages	154·35
Interest earned on capital	725·60
Farm business income	1998·62

FARMER'S EARNING

On management	1118·67
On family labour	815·67
On capital investment	1386·92

EXPENDITURE		Rs.
Human labour	Family	154·35
	Hired	1134·73
Hired bullock		—
Seeds		172·83
Fertilisers and manures		734·39
Feeds		482·24
Market charges		2·00
Irrigation rates		41·70
Rent (cash)		6·33
Depreciation		71·85
Repair charges		43·75
Miscellaneous charges		74·29
Interest on investment		725·60
Management		457·35
Total		4101·41

(a) Aman paddy, Sugarcane, Potato and Wheatwere grown on the leased land.

(b) 104·42 mds. of Aman paddy, 42·00 mds. of straw 2 mds. of Potato, 1 md. of Wheat and 4·08 mds. of Sugarcane were handed over to the landowner as his share.

Village—Abinashpur *Block*—Suri-II *P.S.*—Suri *District*—Birbhum

No of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	0·06		(a) Owned—1·72 acres Leased—6·08 acres. Given out on lease—nil acres Fallow—nil acres Cultivated—7·80 acres
Aman paddy—	7·62		
Sugarcane—	0·12		
Potato—	0·18		
Sunnhemp—	0·06		Family labour supply Man—1 Woman—2 Child—nil No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	3955·24
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	3980·24
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	(b) 1359·30
Actual receipts	2620·94
Total farm expenses	2008·22
Farm earning	612·72
Management charges	276·87
Family wages	163·18
Interest earned on capital	302·58
Farm business income	1355·35
FARMER'S EARNING	
On management	889·59
On family labour	775·90
On capital investment	915·30

EXPENDITURE		Rs.
Human labour	Family	163·18
	Hired	380·62
Hired bullock		13·25
Seeds		93·73
Fertilisers and manures		457·16
Feeds		229·64
Market charges		—
Irrigation rates		17·95
Rent (cash)		4·50
Depreciation		38 89
Repair charges		—
Miscellaneous charges		29·85
Interest on investment		302·58
Management		276·87
Total		2008·22

(a) Aman paddy, Sugarcane and Potato were grown on the leased area

(b) 77 59 mds. of Aman paddy, 36·00 mds. of Aman straw, 3·06 mds of Pototo and 2·62 mds. of Sugarcane were handed over to the landowner as his share

Village—Abinashpur *Block*—Suri-II *P.S.*—Suri *District*—Birbhum

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres	
Aus paddy—	0·25
Aman paddy—	11·44
Sugarcane—	0·27
Potato—	0·17
Onion—	0·12
Sunnhemp—	0·05

Land and Labour

Owned—4·96 acres Leased—5·22 acres (a)
Given out on lease—nil acres
Fallow—0·09 acres
Cultivated—10·09 acres

Family labour supply
Man—2
Woman—1
Child—nil
No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	6878·67
Value of F. Y. M.	50·00
Receipt from bullock hire	—
Total	6928·67
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 1662·87
Actual receipts	5265·80
Total farm expenses	4198·56
Farm earning	1067·24
Management charges	481·51
Family wages	151·39
Interest earned on capital	844·85
Farm business income	2544·99
FARMER'S EARNING	
On management	1548·75
On family labour	1218·63
On capital investment	1912·09

EXPENDITURE		Rs.
Human labour	Family	151·39
	Hired	1130·87
Hired bullock		—
Seeds		148·08
Fertilisers and manures		705·47
Feeds		523·03
Market charges		—
Irrigation rates		51·20
Rent (cash)		12·25
Depreciation		90·29
Repair charges		—
Miscellaneous charges		59·62
Interest on investment		844·85
Management		481·51
Total		4198·56

(a) Aman paddy was grown on the leased land

(b) 107·26 mds. of Aman paddy and 36 mds. of Aman straw were handed over to the landowner as his share.

Village—Abinashpur *Block*—Suri-II *P.S.*—Suri *District*—Birbhum

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·14	Brinjal—	0·08	Owned—15·02 acres Leased—nil acres Given out on lease—nil acres. Fallow—nil acres. Cultivated—15·02 acres.
Aman paddy—	13·52	Onion—	0·11	
Sugarcane—	0·29	Sponge gourd, Cucumber & Garlic—	0 08	
Potato, & Pumpkin,—	0·32	Arum—	0·07	Family labour supply Man—1 Woman—nil Child—nil No. of bullocks owned—4
Wheat—	0 34	Sunnhemp—	0·12	
Lentil & Mustard—	0·45			

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	8543·18	Human Labour	Family	82·82
			Hired	2116·74
Value of F.Y.M.	54·00	Hired bullock		—
Receipt from bullock hire	—	Seeds		218·59
Total	8597·18	Fertilisers and manures		962·43
Add value of seeds, manure etc. received from landlord	—	Feeds		731·22
Deduct value of share of crops	—	Market charges		—
Actual receipts	8597·18	Irrigation rates		152·20
Total farm expenses	7674·16	Rent (cash)		50·22
Farm earning	923·02	Depreciation		218·65
Management charges	598·02	Repair charges		11·50
Family wages	82·82	Miscellaneous charges		79·00
Interest earned on capital	2452·77	Interest on investment		2452·77
Farm business income	4056·63	Management		598·02
FARMER'S EARNING		Total		7674·16
On management	1521·04			
On family labour	1005·84			
On capital investment	3375·79			

Village—Abinashpur *Block*—Suri-II *P.S.*—Suri *District*—Birbhum

No of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·65	Mustard—	0·12	(a) Owned—5·53 acres Leased—5·34 acres. Given out on lease—nil acres Fallow – nil acres Cultivated—10·87 acres
Aman paddy—	9·49	Onion—	0·23	
Sugarcane—	0·30			
Potato, Pumpkin, Sponge gourd & Cucumber—	0·21			Family labour supply Man—1 Woman—nil Child—nil
Wheat—	0·13			
Lentil—	0·18			No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	5069·36
Value of F. Y. M.	50·00
Receipt from bullock hire	—
Total	5119·36
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 1317·00
Actual receipts	3802·36
Total farm expenses	4391·89
Farm earning	–589·53
Management charges	354·86
Family wages	144·74
Interest earned on capital	934·82
Farm business income	844·89
FARMER'S EARNING	
On management	–234·67
On family labour	–444·79
On capital investment	345·29

EXPENDITURE		Rs.
Human labour	Family	144·74
	Hired	1207·73
Hired bullock		29·00
Seeds		171·38
Fertilisers and manures		757·88
Feeds		500·72
Market charges		12·05
Irrigation rates		55·00
Rent (cash)		19·42
Depreciation		123·13
Repair charges		29·00
Miscellaneous charges		52·16
Interest on investment		934·82
Management		354·86
Total		4391·89

(a) Aus paddy, Aman paddy, Sugarcane, Potato, Wheat, Lentil, Onion, Pumpkin, Cucumber, Spongegourd and Mustard were grown on the leased land.

(b) 1·50 mds. of Sugarcane, 3·05 mds. of Aus paddy, 4·00 mds. of Potato, 0·25 mds. of Wheat, 0·12 mds. of Lentil, 2·00 mds. of Onion, 2 mds. of Pumpkin, Cucumber & Spongegourd, 66·53 mds. of Aman paddy, 80·50 mds. of straw were handed over to the landowner as his share.

Village—Nanoor *Block*—Nanoor *P.S.*—Nanoor *District*—Birbhum

No. of Holding—1 *Year* – 1964-65 *Treatment*—Investment & Advice

Crops growm in acres		*Land and Labour*
Aus paddy—	0 97	Owned – 2·98 acres Leased—3·31 acres (a)
Aman paddy—	4·82	Givn out on lease—nil acres
Sugarcane—	0·20	Fallow—nil acres
Potato—	0·20	Cultivated—6·29 acres
Wheat—	0·36	Family labour supply
Lentil—	0·24	Man—2
Arum –	0·07	Woman—1
		Child—nil
		No. of bullocks owned—2

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	3316·21	Human labour	Family	803·37
			Hired	228·75
Value of F. Y. M.	29·00	Hired bullock		—
Receipt from bullock hire	—	Seeds		123·58
Total	3345·21	Fertilisers and manures		270·18
Add value of seeds, manure etc. received from landlord	–	Feeds		348·19
Deduct value of share of crops	(b) 959·17	Market charges		—
Actual receipts	2386·04	Irrigation rates		27·40
Total farm expenses	255·76	Rent (cash)		10·03
Farm earning	– 169·72	Depreciation		95·98
Management charges	232·13	Repair charges		2·75
Family wages	803·37	Miscellaneous charges		11·34
Interest earned on capital	402·06	Interest on investment		402·06
Farm business income	1267·84	Management		232·13
FARMER'S EARNING				
On management	62·41			
On family labour	633·65			
On capital investment	232·34	Total		2555·76

(a) Aus paddy, Aman paddy, Sugarcane, Potato, Wheat and Arum were grown

(b) 4·80 mds. of Aus paddy, 5·00 mds. of Aus straw, 30 mds of Aman paddy, 34 mds Aman Straw, 7·5 mds of Potato, 8 62 mds. of Sugarcane, 1.56 mds. of wheat and 1 50 mds of Arum were handed over to the land owner as his share

Village—Nanoor *Block* – Nanoor *P.S.*—Nanoor *District*—Birbhum

No of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		
Aus paddy—	0·45	
Aman paddy—	4·72	
Sugarcane, Jute & Arhar—	(b) 0·12	
Potato—	0·20	
Wheat—	0·25	

Land and Labour

(a)
Owned—4·27 acres Leased – 1·02 acres.
Given out on lease – nil acres
Fallow—nil acres
Cultivated—5·29 acres

Family labour supply
Man—1
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	3062·08
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	3087·08
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	(d) 267·32
Actual receipts	2819·76
Total farm expenses	2484·34
Farm earning	335·42
Management charges	214·35
Family wages	152·59
Interest earned on capital	557·98
Farm business income	1260·34
FARMER'S EARNING	
On management	549·77
On family labour	488·01
On capital investment	893·40

EXPENDITURE		Rs.
Human labour	Family	(c) 152·59
	Hired	670·79
Hired bullock		—
Seeds		99·62
Fertilisers and manures		265·18
Feeds		333·22
Market charges		—
Irrigation rates		36·80
Rent (cash)		18·70
Depreciation		116 70
Repair charges		1·75
Miscellaneous charges		16·66
Interest on investment		557·98
Management		214·35
Total		2484·34

(a) Aman paddy was grown on the leased area.

(b) Jute & Arhar were sown on the border of Sugarcane plots, and was completely damaged by cattle.

(c) Mojor portion of the family labour cost was for bullock up-keep.

(d) 16 mds. of Aman paddy and 17 mds. of straw were handed over to the landowner as his share.

Village—Nanoor *Block*—Nanoor *P.S.*—Nanoor *District*—Birbhum

No of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·28	Gram—	0·09	(a) Owned—5·51 acres Leased—1·52 acres.
Aman paddy—	5·53	Mung, Linseed & Mustard—	0·22	Given out on lease—nil acres
Sugarcane—	0·22			Fallow–nil acres
Potato & Pumpkin—	0·14			Cultivated—7·03 acres
Wheat—	0·24			Family labour supply Man—1 Woman—1 Child—nil
Lentil, Mustard & Linseed—	0·38			No. of bullocks owned—2

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	3983·91	Human labour	Family	604·24
			Hired	538·40
Value of F. Y. M.	25·00	Hired bullock		8·00
Receipt from bullock hire	—			
Total	4008 91	Seeds		131·60
Add value of seeds, manure etc. received from landlord	—	Fertilisers and manures		331·71
Deduct value of share of crops	(b) 308·89	Feeds		313·05
Actual receipts	3700·02	Market charges		—
Total farm expenses	3141·50			
Farm earning	558·52	Irrigation rates		49·55
Management charges	278·87	Rent (cash)		22·30
Family wages	604·24			
Interest earned on capital	724·29	Depreciation		114·97
Farm business income	2165·92	Repair charges		8·00
FARMER'S EARNING		Miscellaneous charges		16·52
On management	837·39	Interest on investment		724·29
On family labour	1162·76	Management		278·87
On capital investment	1282·81	Total		3141·50

(a) Aus paddy, Aman paddy, Wheat, Mustard, Mung and Linseed were grown on the leased land.

(b) 5·50 mds. of Aus paddy, 5·50 mds. of Aus paddy straw, 11·40 mds. of Aman paddy, 12·50 mds. of Aman straw ·04 mds. of Mustard, ·25 mds. of Mung, ·08 mds. of Linseed and 0·95 mds. of Wheat were handed over to the landowner as his share.

Village—Nanoor *Block* – Nanoor *P.S.* – Nanoor *District* – Birbhum

No. of Holding – IV *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·05	Onion—	0·06	Owned—6·53 acres Leased nii acres. Given out on lease – nil acres Fallow—nil acres Cultivated 6·53 acres.
Aman paddy—	5·28	Sunnhemp—	0·06	
Sugarcane—	0·14			
Potato—	0·20			Family labour supply Man – 2 Woman – 1 Child – nil
Wheat—	0·46			
Mustard, Mung & Lentil—	0·28			
Joar—	0·11			No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	3494·31
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	3519·31
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	3519·31
Total farm expenses	3092·74
Farm earning	426·57
Management charges	244·60
Family wages	543·01
Interest earned on capital	824·76
Farm business income	2038·94
FARMER'S EARNING	
On management	671·17
On family labour	969·58
On capital investment	1251·33

EXPENDITURE		Rs.
Human labour	Family	543·01
	Hired	504·19
Hired bullock		—
Seeds		120·46
Fertilisers and manures		306·16
Feeds		309·62
Market charges		—
Irrigation rates		55·30
Rent (cash)		34·46
Depreciation		132·03
Repair charges		8·25
Miscellaneous charges		9·90
Interest on investment		824·76
Management		244·60
Total		3092·74

Village—Nanoor *Block*—Nanoor *P.S.*—Nanoor *District*—Birbhum

No. of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·86	Gram, Mustard & Linseed—	0·17	Owned—8·19 acres Leased—nil acres Given out on lease—nil acres. Fallow – nil acres. Cultivated—8·19 acres.
Aman paddy—	6·05	Onion—	0·10	
Sugarcane—	0·24			
Potato——	0·19			
Wheat—	0·27			Family labour supply Man—2 Woman—1 Child—nil No. of bullocks owned—2
Lentil, Mustard & Linseed—	0·63			
Mustard –	0·25			

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	4232·73	Human Labour	Family	1155·06
			Hired	149·50
Value of F.Y.M.	29·00	Hired bullock		—
Receipt from bullock hire	—	Seeds		174·16
Total	4261·73	Fertilisers and manures		358·02
Add value of seeds, manure etc. received from landlord	—	Feeds		347·12
Deduct value of share of crops	—	Market charges		—
Actual receipts	4261·73	Irrigation rates		65·91
Total farm expenses	3762·30	Rent (cash)		47·31
Farm earning	499·43	Depreciation		148·94
Management charges	296·29	Repair charges		3·75
Family wages	1155·06	Miscellaneous charges		22·50
Interest earned on capital	993·74	Interest on investment		993·74
Farm business income	2944·52	Management		296·29
FARMER'S EARNING		Total		3762·30
On management	795·72			
On family labour	1654·49			
On capital investment	1493·17			

Village—Nanoor *Block*—Nanoor *P. S.*—Nanoor *District*—Birbhum

No. of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	2·03	Oats—	0·04	Owned—8·62 acres Leased—0·12 acres (a)
Aman paddy—	6·60			Given out on lease—nil acres
Sugarcane—	0·12			Fallow—nil acres
Potato—	0·14			Cultivated—8·74 acres
Wheat—	0·20			Family labour supply
Lentil, Mung & Mustard—	0·39			Man—2 Woman—1
Joar—	0·07			Child—nil No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	4135·82
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	4160·82
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 83·77
Actual receipts	4077·05
Total farm expenses	3893·31
Farm earning	183·74
Management charges	289·51
Family wages	621·09
Interest earned on capital	1096·84
Farm business income	2191·18
FARMER'S EARNING	
On management	473·25
On family labour	804·83
On capital investment	1280·58

EXPENDITURE		Rs.
Human labour	Family	621·09
	Hired	733·12
Hired bullock		8·00
Seeds		163·06
Fertilisers and manures		400·49
Feeds		349 88
Market charges		—
Irrigation rates		62·45
Rent (cash)		43·44
Depreciation		84·94
Repair charges		22·75
Miscellaneous charges		17·74
Interest on investment		1096·84
Management		289·51
Total		3893·31

(a) Sugarcane was grown on the leased area.

(b) 3·60 mds of Sugarcane were handed over to the landowner as his share

Village—Nanoor *Block*—Nanoor *P.S.*—Nanoor *District*—Birbhum

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·65	Gram & Mustard—	0·26	Owned—9·45 acres Leased—nil acres
Aman paddy—	7·38	Sunnhemp—	0·06	Given out on lease—nil acres
Sugarcane—	0·28			Fallow— 0·08 acres
Potato—	0·20			Cultivated—9·37 acres
Wheat—	0·25			Family labour supply Man—1
Lentil & Mustard—	0·84			Woman—nil Child—nil
Onion—	0·06			No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	4747·78
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	4772·78
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	4772·78
Total farm expenses	4424·69
Farm earning	348·09
Management charges	332·34
Family wages	205·46
Interest earned on capital	1244·91
Farm business income	2130·80
FARMER'S EARNING	
On management	680·43
On family labour	553·55
On capital investment	1593·00

EXPENDITURE		Rs
Human labour	Family	205·46
	Hired	1462·44
Hired bullock		—
Seeds		154·01
Fertilisers and manures		405·32
Feeds		331·74
Market charges		—
Irrigation rates		92·63
Rent (cash)		43·91
Depreciation		120·17
Repair charges		12·00
Miscellaneous charges		19·76
Interest on investment		1244·91
Management		332·34
Total		4424·69

Village—Nanoor *Block*—Nanoor *P.S.*—Nanoor *District*—Birbhum

No of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·37	Onion—	0·18	Owned—13·57 acres Leased—nil acres Given out on lease—nil acres Fallow—1·12 acres Cultivated—12·45 acres
Aman paddy—	10·48			
Sugarcane—	0·60			
Potato & Pumpkin—	0·40			Family labour supply Man—1 Woman—nil Child—nil No. of bullocks owned—2
Wheat—	0·33			
Lentil & Mustard—	0·46			

INCOME	Rs.
Value of crops harvested	7502·07
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	7527·07
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	7527·07
Total farm expenses	6088·65
Farm earning	1438·42
Management charges	525·14
Family wages	7·15
Interest earned on capital	1776·40
Farm business income	3747 11
FARMER'S EARNING	
On management	1963·56
On family labour	1445·57
On capital investment	3214·82

EXPENDITURE		Rs.
Human labour	Family	7·15
	Hired	2182·41
Hired bullock		12·50
Seeds		205·88
Fertilisers and manures		577·34
Feeds		383·71
Market charges		—
Irrigation rates		126·66
Rent (cash)		43·00
Depreciation		206·55
Repair charges		10·00
Miscellaneous charges		31·91
Interest on investment		1776·40
Management		525·14
Total		6088·65

* Family labour was only used for bullock up-keep.

Village—Kalikapur *Block*—Mayureswar-II *P.S.*—Mayureswar *District*—Birbhum

No. of Holding—I *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		*Land and Labour*
Aus paddy—	0·93	Owned—3·21 acres Leased—nil acres
Aman paddy—	2·13	Given out on lease—nil acres.
Sugarcane—	0·15	Fallow—nil acres.
Potato & Pumpkin—	0·57	Cultivated—3·21 acres.
Wheat—	0·12	Family labour supply
Gram—	0·20	Man—3
		Woman—nil
		Child—nil
		No. of bullocks owned—2

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	2894·94	Human Labour	Family	644·82
			Hired	54·25
Value of F.Y.M.	25·00	Hired bullock		—
Receipt from bullock hire	—	Seeds		253·32
Total	2919·94	Fertilisers and manures		278·07
Add value of seeds, manure etc. received from landlord	—	Feeds		262·05
Deduct value of share of crops	—	Market charges		8·19
Actual receipts	2919·94	Irrigation rates		—
Total farm expenses	2431·02	Rent (cash)		19·66
Farm earning	488·92	Depreciation		99·89
Management charges	202·65	Repair charges		30·62
Family wages	644·82	Miscellaneous charges		33·40
Interest earned on capital	544·10	Interest on investment		544·10
Farm business income	1880·49	Management		202·65
FARMER'S EARNING		Total		2431·02
On management	691·57			
On family labour	1133·74			
On capital investment	1033·02			

Village—Kalikapur *Block*—Mayureswar *P.S.*—Mayureswar *District*—Birbhum

No of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·13	Mung—	0·32	Owned—5·62 acres Leased – nil acres. Given out on lease – nil acres Fallow—nil acres Cultivated—5·62 acres
Aman paddy—	4·14	Til—	0·32	
Sugarcane—	0·22	Arum—	0·05	
Potato & Pumpkin—	0·75			Family labour supply Man—1 Woman—nil Child—nil No. of bullocks owned—2
Wheat—	0·38			
Gram—	0·31			
Khesari—	0·80			

INCOME	Rs.
Value of crops harvested	4644·45
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	4669·45
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	—
Actual receipts	4669·45
Total farm expenses	3873·40
Farm earning	796·05
Management charges	325·11
Family wages	219·45
Interest earned on capital	826·59
Farm business income	2167·20
FARMER'S EARNING	
On management	1121·16
On family labour	1015·50
On capital investment	1622·64

EXPENDITURE		Rs.
Human labour	Family	219·45
	Hired	1035·05
Hired bullock		—
Seeds		308·49
Fertilisers and manures		523·77
Feeds		369·62
Market charges		3·75
Irrigation rates		6·00
Rent (cash)		31·15
Depreciation		178·73
Repair charges		16·00
Miscellaneous charges		29·69
Interest on investment		826·59
Management		325·11
Total		3873·40

Village—Kalikapur *Block*—Mayureswar-II *P.S.*—Mayureswar *District*—Birbhum

No of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	0·88		Owned—4·90 acres Leased—nil acres. Given out on lease—nil acres Fallow – nil acres Cultivated—4·90 acres
Aman paddy—	3·76		
Sugarcane—	0·16		
Potato & Pumpkin—	0·88		Family labour supply Man—5 Woman—nil Child—1 No. of bullocks owned—2
Arum—	0·06		

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	5661·03	Human labour	Family	429·39
			Hired	331·93
Value of F. Y. M.	31·25	Hired bullock		—
Receipt from bullock hire	—	Seeds		299·73
Total	5692·28	Fertilisers and manures		601·81
Add value of seeds, manure etc. received from landlord	—	Feeds		362·83
Deduct value of share of crops	—	Market charges		0·12
Actual receipts	5692·28	Irrigation rates		6·25
Total farm expenses	3484·77	Rent (cash)		37·25
Farm earning	2207·51	Depreciation		163·94
Management charges	396·27	Repair charges		—
Family wages	429·39	Miscellaneous charges		35·14
Interest earned on capital	820·11	Interest on investment		820·11
Farm business income	3853·28	Management		396·27
FARMER'S EARNING		Total		3484·77
On management	2603·78			
On family labour	2636·90			
On capital investment	3027·62			

Village—Kalikapur *Block*—Mayureswar-II *P.S.*—Mayureswar *District*—Birbhum

No of Holding—IV *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·04	Arum—	0·26	Owned—5·09 acres Leased—nil acres Given out on lease—nil acres Fallow—nil acres Cultivated—5·09 acres
Aman paddy—	3·53			
Sugarcane—	0·14			
Potato & Pumpkin—	1·21			Family labour supply Man—1 Woman—nil Child—nil No. of bullocks owned—2
Gram—	0·21			
Khesari—	0·76			
Mung & Joar—	0·33			

INCOME	Rs.
Value of crops harvested	5165·88
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	5190·88
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	5190·88
Total farm expenses	3839·91
Farm earning	1350·97
Management charges	361·61
Family wages	429·01
Interest earned on capital	683·59
Farm business income	2825·18
FARMER'S EARNING	
On management	1712·58
On family labour	1779·98
On capital investment	2034·56

EXPENDITURE		Rs.
Human labour	Family	429·01
	Hired	920·40
Hired bullock		—
Seeds		380·03
Fertilisers and manures		489·41
Feeds		314·19
Market charges		3·31
Irrigation rates		5·70
Rent (cash)		28·97
Depreciation		129·21
Repair charges		65·91
Miscellaneous charges		28·57
Interest on investment		683·59
Management		361·61
Total		3839·91

Village—Kalikapur *Block* – Mayureswar-II *P.S.* – Mayureswar *District* – Birbhum

No. of **Holding** – V *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres			
Aus paddy—	1·17	Til—	0·42
Aman paddy—	4·48	Joar—	0·16
Sugarcane—	0·28	Arum—	0·16
Potato & Pumpkin—	1·27	Ginger—	0·09
Wheat—	0·26		
Gram—	0·39		
Khesari—	0·80		

Land and Labour

Owned—6·18 acres Leased nil acres.
Given out on lease – nil acres
Fallow—nil acres Cultivated 6·18 acres.

Family labour supply
Man – 2
Woman – nil
Child – nil

No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	5774·81
Value of F. Y. M.	50·00
Receipt from bullock hire	–
Total	5824·81
Add value of seeds, manure etc. received from landlord	–
Deduct value of share of crops	—
Actual receipts	5824·81
Total farm expenses	5556·79
Farm earning	268·02
Management charges	404·24
Family wages	590·93
Interest earned on capital	1066·68
Farm business income	2329·87
FARMER'S EARNING	
On management	672·26
On family labour	858·95
On capital investment	1334·70

EXPENDITURE		Rs.
Human labour	Family	590·93
	Hired	1098·80
Hired bullock		—
Seeds		561·42
Fertilisers and manures		749·51
Feeds		695·59
Market charges		8·18
Irrigation rates		—
Rent (cash)		38·75
Depreciation		218·42
Repair charges		88·12
Miscellaneous charges		36·15
Interest on investment		1066·68
Management		404·24
Total		5556·79

Village—Kalikapur *Block*—Mayureswar-II *P. S.*—Mayureswar *District*—Birbhum

No. of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		
Aus paddy—	1·91	
Aman paddy—	6·97	
Sugarcane—	0·24	
Potato & Pumpkin—	1·62	
Gram—	0·29	
Khesari—	0·76	

Land and Labour

Owned—9·12 acres Leased—nil acres
Given out on lease—nil acres
Fallow—nil acres
Cultivated—9·12 acres

Family labour supply
Man—1
Woman—nil
Child—nil
No. of bullocks owned—4

INCOME	Rs
Value of crops harvested	7618·56
Value of F.Y.M.	50·00
Receipt from bullock hire	—
Total	7668·56
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	7668·56
Total farm expenses	7241·04
Farm earning	427·52
Management charges	533·30
Family wages	—
Interest earned on capital	1613·87
Farm business income	2574·69
FARMER'S EARNING	
On management	960·82
On family labour	427·52
On capital investment	2041·39

EXPENDITURE		Rs.
Human labour	Family	—
	Hired	2519·62
Hired bullock		2·00
Seeds		593·35
Fertilisers and manures		834·42
Feeds		640·63
Market charges		0·48
Irrigation rates		12·50
Rent (cash)		74·00
Depreciation		271·90
Repair charges		93·12
Miscellaneous charges		51·85
Interest on investment		1613·87
Management		533·30
	Total	7241·04

Village—Kalikapur *Block*—Mayureswar-II *P.S.*—Mayureswar *District*—Birbhum

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	1·85	**Khesari—**	0·70
Aman paddy—	6·30	Onion—	0·08
Sugarcane—	0·23		
Potato & Pumpkin—	1·53		
Wheat—	0·22		
Lentil—	0·04		
Gram—	0·15		

Land and Labour

Owned—8·57 acres Leased—nil acres
Given out on lease—nil acres
Fallow—nil acres
Cultivated—8·57 acres

Family labour supply
Man—1
Woman—nil
Child—nil
No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	7836·45
Value of F.Y.M.	56·25
Receipt from bullock hire	—
Total	7892·70
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	7892·70
Total farm expenses	7323·39
Farm earning	569·31
Management charges	548·55
Family wages	—
Interest earned on capital	1474·24
Farm business income	2592·10
FARMER'S EARNING	
On management	1117·86
On family labour	569·31
On capital investment	2043·55

EXPENDITURE		Rs
Human labour	Family	—
	Hired	2439·26
Hired bullock		10·50
Seeds		764·51
Fertilisers and manures		800·67
Feeds		823·78
Market charges		0·75
Irrigation rates		33·60
Rent (cash)		55·00
Depreciation		234·01
Repair charges		71·50
Miscellaneous charges		67·02
Interest on investment		1474·24
Management		548 55
Total		7323·39

Village—Kalikapur *Block*—Mayureswar-II *P.S.*—Mayureswar *District*—Birbhum

No. of Holding—VIII *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	3·11	Arum—	0·06
Aman paddy—	8·86		
Sugarcane—	0·50		
Potato & Pumpkin—	2·00		
Wheat—	0·40		
Gram—	0·38		
Joar –	0·35		

Land and Labour

Owned – 12·53 acres Leased—nil acres
Givn out on lease—nil acres
Fallow—nil acres
Cultivated—12·53 acres
Family labour supply
Man—1
Woman—nil
Child—nil
No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	6938·79
Value of F. Y. M.	56·25
Receipt from bullock hire	—
Total	6995·04
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	6995·04
Total farm expenses	7664·21
Farm earning	– 669·17
Management charges	485·72
Family wages	—
Interest earned on capital	2061·65
Farm business income	1878·20
FARMER'S EARNING	
On management	– 183·45
On family labour	– 669·17
On capital investment	1392·48

EXPENDITURE		Rs.
Human labour	Family	–
	Hired	2107·13
Hired bullock		—
Seeds		823·69
Fertilisers and manures		947·51
Feeds		772·83
Market charges		5·06
Irrigation rates		35·40
Rent (cash)		79·37
Depreciation		237·31
Repair charges		56·50
Miscellaneous charges		52·04
Interest on investment		2061·65
Management		485·72
Total		7664·21

Note : The yields of all crops were generally poor due to inefficient managemet and interest.

Village—Anarbaria *Block* – Habra-I *P.S.* – Habra *District* – 24-Parganas

No. of Holding – I *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·28	Joar—	0·15	
Aman paddy—	4·47	Brinjal—	0·54	Owned—10·36 acres Leased nil acres.
Jute—	3·73	Pumpkin—	0·20	Given out on lease – 0·24 acres
Sugarcane—	0·20	Tomato—	0·31	Fallow—0·13 acres
Potato—	0·61	Patal—	0·20	Cultivated—9·99 acres.
Wheat—	0·36	Radish—	0·42	Family labour supply
Lentil—	0·49	Cabbage & Cauliflower—	0·15	Man – 4
Pea—	0·19	Onion—	0·20	Woman – 2
Kalai & Mustard—	1·03	Bitter gourd—	0·57	Child – nil
Gram—	0·26	Sponge gourd—	0·10	No. of bullocks owned—4

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	10060·13	Human labour	Family	1630·35
			Hired	1631·04
Value of F. Y. M.	50·00	Hired bullock		24·99
Receipt from bullock hire	—	Seeds		586·40
Total	10110·13	Fertilisers and manures		923·17
Add value of seeds, manure etc. received from landlord	—	Feeds		608·97
Deduct value of share of crops	—	Market charges		79·93
Actual receipts	10110·13	Irrigation rates		64·45
Total farm expenses	7762·32	Rent (cash)		59·35
Farm earning	2347·81	Depreciation		164·89
Management charges	704·21	Repair charges		65·69
Family wages	1630·35	Miscellaneous charges		94·73
Interest earned on capital	1124·15	Interest on investment		1124·15
Farm business income	5806·52	Management		704·21
FARMER'S EARNING		Total		7762·32
On management	3052·02			
On family labour	3978·16			
On capital investment	3471·96			

Village—Anarbaria *Block*—Habra-I *P. S.*—Habra *District*—24-Parganas

No. of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	1·88	Kalai—	0·24
Aman paddy—	3·76	Gram—	0·08
Jute—	3·61	Mustard—	0·52
Sugarcane—	0·20	Brinjal—	0·42
Potato—	0·85	Pumpkin—	0·46
Wheat—	0·30	Tomato—	0·19
Lentil—	0·80	Patal—	0·12
Pea—	0·64	Radish—	0·06
		Onion—	0·11
		Bittergourd—	0·31
		Cucumber—	0·10

Land and Labour

(a)
Owned—8·55 acres Leased—1·01 acres
Given out on lease—0·30 acres
Fallow—nil acres
Cultivated—9·26 acres

Family labour supply
Man—4
Woman—4
Child—nil
No. of bullocks owned—4

INCOME	Rs
Value of crops harvested	8845·40
Value of F.Y.M.	50·00
Receipt from bullock hire	—
Total	8895·40
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 72·00
Actual receipts	8823·40
Total farm expenses	7125·99
Farm earning	1697·41
Management charges	619·18
Family wages	1478·21
Interest earned on capital	878·05
Farm business income	4672·85
FARMER'S EARNING	
On management	2316·59
On family labour	3175·62
On capital investment	2575·46

EXPENDITURE		Rs.
Human labour	Family	1478·21
	Hired	1654·11
Hired bullock		8·75
Seeds		515·02
Fertilisers and manures		819·67
Feeds		717·04
Market charges		82·64
Irrigation rates		39·80
Rent (cash)		51·00
Depreciation		156·26
Repair charges		27·00
Miscellaneous charges		79·26
Interest on investment		878·05
Management		619·18
Total		7125·99

(a) Rs. 72·00 was paid in cash to the landowner as his share

(b) Aus paddy and Aman paddy were grown on leased land.

Village—Anarbaria *Block*—Habra-I *P.S.*—Habra *District*—24-Parganas

No. of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	0·66	Brinjal—	0·10
Aman paddy—	2·07	Tomato—	0·16
Jute—	0·93	Patal—	0·22
Potato—	0·10	Radish—	0·02
Wheat—	0·33	Onion—	0·04
Lentil—	0·28	Bittergourd—	0·33
Gram & Mustard—	0·33	Coriander—	0·04

Land and Labour

Owned—4·45 acres Leased—nil acres
Given out on lease—nil acres
Fallow—nil acres
Cultivated—4·45 acres

Family labour supply
Man—1
Woman—1
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	2931·74
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	2956·74
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	2956·74
Total farm expenses	2662·24
Farm earning	294·50
Management charges	205·22
Family wages	548·57
Interest earned on capital	440·97
Farm business income	1489·26
FARMER'S EARNING	
On management	499·72
On family labour	843·07
On capital investment	735·47

EXPENDITURE		Rs
Human labour	Family	548·57
	Hired	556·18
Hired bullock		1·50
Seeds		132·40
Fertilisers and manures		283·92
Feeds		349·26
Market charges		18·29
Irrigation rates		29·45
Rent (cash)		26·00
Depreciation		63·49
Repair charges		2·37
Miscellaneous charges		4·62
Interest on investment		440·97
Management		205·22
Total		2662·24

Village—Anarbaria *Block*—Habra-I *P.S.*—Habra *District*—24-Parganas

No of Holding—IV *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	1·38	Mustard & Lentil—	0·54
Aman paddy—	2·29	Mustard & Gram—	0·33
Jute—	2·55	Brinjal—	0·27
Sugarcane—	0·15	Tomato—	0·06
Potato—	0·37	Patal—	0·10
Lentil—	0·33	Radish—	0·20
Pea—	0·30	Onion—	0·06
Mustard—	0·33	Bitter gourd & Tomato—	0·46
		Cucumber—	0·14
		Coriander—	0·06

Land and Labour

(a)
Owned—5·92 acres Leased—0·20 acres
Given out on lease—0·15 acres
Fallow—nil acres
Cultivated—5·97 acres

Family labour supply
Man—4
Woman—2
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	5782·12
Value of F. Y. M.	25·00
Receipt from bullock hire	—
Total	5807·12
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 50·00
Actual receipts	5757·12
Total farm expenses	4829·09
Farm earning	928·03
Management charges	404·75
Family wages	1540·71
Interest earned on capital	618·01
Farm business income	3491·50
FARMER'S EARNING	
On management	1332·78
On family labour	2468·74
On capital investment	1546·04

EXPENDITURE		Rs.
Human labour	Family	1540·71
	Hired	827·99
Hired bullock		22·00
Seeds		365·25
Fertilisers and manures		558·84
Feeds		206·58
Market charges		35·96
Irrigation rates		18·90
Rent (cash)		38·00
Depreciation		140·41
Repair charges		8·12
Miscellaneous charges		43·57
Interest on investment		618·01
Management		404·75
Total		4829·09

(a) Aman paddy was grown on the leased land.

(b) 2·5 mds. of Aman paddy was handed over to the landowner as his share.

Village—Anarbaria *Block*—Habra-I *P.S.*—Habra *District*—24-Parganas

No. of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·84	Patal—	0·05	Owned—3·11 acres Leased—nil acres Given out on lease—0·37 acres. Fallow—nil acres. Cultivated—2·74 acres.
Aman paddy—	0·84	Radish—	0·05	
Jute—	0·50	Bittergourd—	0·33	
Sugarcane—	0·08	Joar—	0·09	
Potato—	0·12			Family labour supply Man—1 Woman—2 Child—nil No. of bullocks owned—2
Lentil—	0·78			
Brinjal—	0·05			
Tomato—	0·40			

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	1721·74	Human Labour	Family	402·18
			Hired	434·26
Value of F.Y.M.	25·00	Hired bullock		2·37
Reccipt from bullock hire	—	Seeds		124·97
Total	1746·74			
Add value of seeds, manure etc. received from landlord	—	Fertilisers and manures		216·88
Deduct value of share of crops	—	Feeds		155·59
Actual receipts	1746·74	Market charges		7·93
Total farm expenses	1925·32			
Farm earning	−178·58	Irrigation rates		19·60
Management charges	120·52	Rent (cash)		18·00
Family wages	402·18			
Interest earned on capital	275·24	Depreciation		83·59
Farm business income	619·36	Repair charges		43·00
FARMER'S EARNING		Miscellaneous charges		21·19
On management	−58·06	Interest on investment		275·24
On family labour	223·60	Management		120·52
On capital investment	96·66	Total		1925·32

Village—Anarbaria *Block* – Habra-I *P.S.*—Habra *District*—24-Parganas

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·64	Gram—	0·34	Owned—5·26 acres Leased – nil acres. Given out on lease – nil acres Fallow—nil acres Cultivated—5·26 acres
Aman paddy—	1·62	Mustard—	0·41	
Jute—	1·86	Brinjal—	0·20	
Mesta—	0·14	Patal—	0·18	
Sugarcane—	0·06	Radish—	0·08	Family labour supply Man—1 Woman—2 Child—nil No. of bullocks owned—2
Potato—	0·25	Bittergourd & Tomato—	0·41	
Wheat—	0·25	Cucumber –	0·08	
Lentil—	0·67			

INCOME	Rs.
Value of crops harvested	4488·68
Value of F. Y. M.	21·00
Receipt from bullock hire	—
Total	4509·68
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	—
Actual receipts	4509·68
Total farm expenses	4121·82
Farm earning	387·86
Management charges	314·21
Family wages	387·65
Interest earned on capital	570·84
Farm business income	1660·56
FARMER'S EARNING	
On management	702·07
On family labour	775·51
On capital investment	958·70

EXPENDITURE		Rs.
Human labour	Family	387·65
	Hired	1547·17
Hired bullock		7·55
Seeds		283·73
Fertilisers and manures		425·04
Feeds		299·32
Market charges		84·10
Irrigation rates		45·00
Rent (cash)		30·00
Depreciation		89·62
Repair charges		10·00
Miscellaneous charges		27·59
Interest on investment		570·84
Management		314·21
Total		4121·82

Note : One bullock cost was purchased by the farmer,

Village—Anarbaria *Block*—Habra-I *P.S.*—Habra *District*—24-Parganas

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0·52	Bittergourd & Tomato—	0·20	(a) Owned—2·52 acres Leased—0·58 acres Given out on lease—0·33 acres. Fallow—0·04 acres. Cultivated—2·73 acres.
Aman paddy—	1·15	Cucumber—	0·14	
Jute—	1·03			
Mesta—	0·20*			
Potato—	0·34			Family labour supply Man—1 Woman—1 Child—nil No. of bullocks owned—2
Lentil—	0·30			
Brinjal—	0·14			
Tomato—	0·08			

INCOME	Rs.
Value of crops harvested	2230·11
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	2255·11
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 15·25
Actual receipts	2239·86
Total farm expenses	2141·26
Farm earning	98·60
Management charges	156·11
Family wages	464·49
Interest earned on capital	238·73
Farm business income	957·93
FARMER'S EARNING	
On management	254·71
On family labour	563·09
On capital investment	337·33

EXPENDITURE		Rs.
Human Labour	Family	464·49
	Hired	469·61
Hired bullock		4·25
Seeds		229·66
Fertilisers and manures		279·45
Feeds		158·51
Market charges		19·33
Irrigation rates		14·30
Rent (cash)		14·00
Depreciation		61·27
Repair charges		12·37
Miscellaneous charges		19·18
Interest on investment		238·73
Management		156·11
Total		2141·26

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* The crop was sown on 0·20 acres of area, but damaged.

(a) Jute and Potato was grown on the leased land.

(b) 0·54 mds of Jute and 1·07 mds of sticks were given to the landowner as his share.

Village—Anarbaria *Block*—Habra-I *P.S.*—Habra *District*—24-Parganas

No. of Holding—VIII *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	0·63	Brinjal—	0·09
Aman paddy—	0·96	Tomato—	0·17
Jute—	0·89	Bittergourd & Tomato—	0·24
Mesta—	0·10	Radish—	0·03
Sugarcane—	0·20	Bittergourd—	0·20
Potato—	0·33	Ol—	0·08
Wheat—	0·20		
Mustard—	0·63		

Land and Labour

(a)
Owned – 2·03 acres Leased—1·18 acres
Givn out on lease—nil acres
Fallow—0·09 acres
Cultivated—3·12 acres

Family labour supply
Man—1
Woman—1
Child—nil
No. of bullocks owned—nil

INCOME	Rs.
Value of crops harvested	3727·78
Value of F. Y. M.	—
Receipt from bullock hire	—
Total	3727·78
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 252·00
Actual receipts	3475·78
Total farm expenses	2405·00
Farm earning	1070·78
Management charges	260·94
Family wages	206·58
Interest earned on capital	212·69
Farm business income	1750·99
FARMER'S EARNING	
On management	1331·72
On family labour	1277·36
On capital investment	1283·47

EXPENDITURE		Rs.
Human labour	Family	206·58
	Hired	808·49
Hired bullock		110·91
Seeds		299·32
Fertilisers and manures		351·29
Feeds		—
Market charges		28·00
Irrigation rates		17·45
Rent (cash)		12·00
Depreciation		26·23
Repair charges		—
Miscellaneous charges		71·10
Interest on investment		212·69
Management		260·94
Total		2405·00

(a) Aman paddy, Jute. Sugarcane, Wheat, Bittergourd, Tomato, Radish and Ol were grown on the leased area.

(b) 1·88 mds. of Aman paddy, 6·96 mds. of Sugarcane and Rs. 70 in cash were handed over to the landowner as his share.

Village—Mandalpara *Block* – Habra-II *P.S.* – Habra *District* – 24-Parganas

No. of *Holding* – I *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres			
Aus paddy—	0·94	Pea—	0·08
Aman paddy—	3·16	Gram—	0·33
Jute—	2·24	Joar—	0·05
Mesta—	0·20	Brinjal—	0·32
Sugarcane—	0·10	Pumpkin—	0·39
Potato—	0·33	Tomato—	0·16
Wheat—	0·17	Patal—	0·10
		Radish—	0 09
Lentil—	0·89	Spinach—	0·08

Land and Labour

Owned—6·65 acres Leased—nil acres.
Given out on lease – nil acres
Fallow—0·17 acres
Cultivated—6·48 acres.

Family labour supply
Man – 4
Woman – 1
Child – nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	6252·41
Value of F. Y. M.	25·20
Receipt from bullock hire	15·50
Total	6293·11
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	6293·11
Total farm expenses	5149·86
Farm earning	1143·25
Management charges	437·67
Family wages	1556·19
Interest earned on capital	1159·58
Farm business income	4296·69
FARMER'S EARNING	
On management	1580·92
On family labour	2699·44
On capital investment	2302·83

EXPENDITURE		Rs.
Human labour	Family	1556·19
	Hired	699·48
Hired bullock		24·25
Seeds		236·32
Fertilisers and manures		317·54
Feeds		388·20
Market charges		54·38
Irrigation rates		37·05
Rent (cash)		33·02
Depreciation		118·04
Repair charges		42·75
Miscellaneous charges		45·39
Interest on investment		1159·58
Management		437·67
Total		5149·86

Village—Mandalpara *Block* – Habra-I *P.S.*—Habra *District*—24-Parganas

No of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·38	Pea—	0·20	(a) Owned—5·18 acres Leased – 0·16 acres. Given out on lease – nil acres Fallow—0·17 acres Cultivated—5·17 acres
Aman paddy—	2·57	Gram—	0·33	
Jute—	1·42	Brinjal—	0·53	
Mesta—	0·20	Pumpkin –	0·41	
Sugarcane—	0·13	Tomato—	0·10	Family labour supply Man – 2 Woman—1 Child—nil No. of bullocks owned—2 (b)
Potato—	0·10	Spongegourd—	0·10	
Wheat—	0·35			
Lentil—	0·33			

INCOME	Rs.
Value of crops harvested	4600·97
Value of F. Y. M.	23·10
Receipt from bullock hire	5·50
Total	4629·57
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	(c) 36·68
Actual receipts	4592·89
Total farm expenses	3676·21
Farm earning	916·68
Management charges	322·07
Family wages	818·56
Interest earned on capital	893·89
Farm business income	2951·20
FARMER'S EARNING	
On management	1238·75
On family labour	1735·24
On capital investment	1810·57

EXPENDITURE		Rs.
Human labour	Family	818·56
	Hired	681·62
Hired bullock		12·25
Seeds		184·06
Fertilisers and manures		209·40
Feeds		341·42
Market charges		20 92
Irrigation rates		22·80
Rent (cash)		19·70
Depreciation		107·63
Repair charges		20·00
Miscellaneous charges		21·89
Interest on investment		893·89
Management		322·07
Total		3676·21

(a) Aman paddy and Jute were grown on the leased land.

(b) The bullocks were maintained for 11 months.

(c) 1·23 mds. of Aman paddy and 4·29 mds. of straw were given to the landowner as his share.

Village—Mandalpara *Block*—Habra-I *P.S.*—Habra *District*—24-Parganas

No. of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		*Land and Labour*
Aus paddy—	0·39	(a)
Amán paddy—	2·55	Owned—3·73 acres Leased—0·12 acres
Jute—	1·49	Given out on lease—nil acres.
Potato—	0·37	Fallow—nil acres.
Wheat—	0·31	Cultivated—3·85 acres.
Lentil—	0·26	Family labour supply Man—1 Woman—1 Child—nil No. of bullocks owned—2 (b)

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	3794·27	Human Labour	Family	349·70
			Hired	645·93
Value of F.Y.M.	18·90	Hired bullock		44·75
Receipt from bullock hire	6·25	Seeds		197·81
Total	3819·42			
Add value of seeds, manure etc. received from landlord	—	Fertilisers and manures		224·71
Deduct value of share of crops	(c)	Feeds		148 94
Actual receipts	3819·42	Market charges		16·06
Total farm expenses	2696·37			
Farm earning	1123·05	Irrigation rates		25·40
Management charges	265·60	Rent (cash)		25·73
Family wages	349·70	Depreciation		44·37
Interest earned on capital	652·23			
Farm business income	2390·58	Repair charges		40·00
FARMER'S EARNING		Miscellaneous charges		15·14
On management	1388·65	Interest on investment		652·23
On family labour	1472·75	Management		265·60
On capital investment	1775·28	Total		2696·37

(a) The leased land was taken only for Potato cultivation in the Rabi season.

(b) The cultivator maintained two bullocks for 9 months.

(c) The owner of this land did not take any share, because there was an advantage of having residual effect of fertilisers on his land.

Village—Mandalpara *Block*—Habra-II *P.S.*—Habra *District*—24-Parganas

No. of Holding—IV *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	0 40	Pea—	0·30	Owned – 4·63 acres Leased—nil acres Givn out on lease—nil acres Fallow—0·05 acres Cultivated—4·58 acres
Aman paddy—	2·68	Brinjal—	0·14	
Jute—	1·71	Pumpkin—	0·21	
Mesta—	0·06	Tomato—	0·15	
Sugarcane—	0·29			Family labour supply Man—3 Woman—1 Child—1
Potato—	0·25			
Wheat—	0·73			
Lentil—	0·30			No. of bullocks owned—2

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	4604·28	Human labour	Family	1093·23
			Hired	335·89
Value of F. Y. M.	20·81	Hired bullock		67·48
Receipt from bullock hire	10·25	Seeds		174·32
Total	4635·34			
Add value of seeds, manure etc. received from landlord	—	Fertilisers and manures		263·99
Deduct value of share of crops	—	Feeds		179·17
Actual receipts	4635·34	Market charges		35·09
Total farm expenses	3336·92			
Farm earning	1298·42	Irrigation rates		41·50
Management charges	322·30	Rent (cash)		20·22
Family wages	1093·23			
Interest earned on capital	691·39	Depreciation		69·67
Farm business income	3405·34	Repair charges		9 62
FARMER'S EARNING		Miscellaneous charges		33·05
On management	1620 72	Interest on investment		691·39
On family labour	2391·65	Management		322·30
On capital investment	1989·81	Total		3336 92

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* Two bullocks were maintained for 9 months and only one bullock was maintained for the remaining three months.

Village—Mandalpara *Block*—Habra-II *P.S.*—Habra *District*—24 Parganas

No of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres

Aus paddy—	0·36	Pea—	0·40
Aman paddy—	4·61	Gram—	0·28
Jute—	3·40	Joar—	0·10
Mesta—	0·39	Brinjal—	0·24
Sugarcane—	0·71	Pumpkin & Spongegourd—	1·11
Potato—	0·35	Tomato—	0·10
Wheat—	0·16	Onion—	0·16
Lentil—	0·75	Sweet Potato—	0·35

Land and Labour

Owned—8·20 acres Leased—nil acres
Given out on lease—nil acres
Fallow—0·37 acres
Cultivated—7·83 acres

Family labour supply
Man—4
Woman—1
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	7792·14
Value of F. Y. M.	25·20
Receipt from bullock hire	—
Total	7817·34
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	7817·34
Total farm expenses	6876·92
Farm earning	940·42
Management charges	545·45
Family wages	1642·63
Interest earned on capital	1465·56
Farm business income	4594·06
FARMER'S EARNING	
On management	1485·87
On family labour	2583·05
On capital investment	2405·98

EXPENDITURE		Rs.
Human labour	Family	1642·63
	Hired	1325·88
Hired bullock		133·62
Seeds		353·28
Fertilisers and manures		351·87
Feeds		495·41
Market charges		36·27
Irrigation rates		34·50
Rent (cash)		60·00
Depreciation		244·97
Repair charges		124·25
Miscellaneous charges		63·23
Interest on investment		1465·56
Management		545·45
Total		6876·92

Village—Mandalpara *Block*—Habra-I *P. S.*—Habra *District*—24-Parganas

No. of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	0·33	Pea –	0 05
Aman paddy—	1·35	Pumpkin –	0·66
Jute—	1·98		
Mesta—	0·16		
Potato—	0·30		
Wheat—	0·50		
Lentil—	1·16		
Joar—	0·10		

Land and Labour

Owned—3·59 acres Leased—0·26 acres (a)
Given out on lease—nil acres
Fallow—nil acres
Cultivated—3·85 acres

Family labour supply
Man—1
Woman—1
Child—nil (b)
No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	4021·84
Value of F.Y.M.	25·20
Receipt from bullock hire	5·50
Total	4052·54
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(c) 81·20
Actual receipts	3971·34
Total farm expenses	3086·45
Farm earning	884·89
Management charges	281·53
Family wages	514·55
Interest earned on capital	759·25
Farm business income	2440·22
FARMER'S EARNING	
On management	1166·42
On family labour	1399·44
On capital investment	1644·14

EXPENDITURE		Rs.
Human labour	Family	514·55
	Hired	628·24
Hired bullock		—
Seeds		129·48
Fertilisers and manures		148·55
Feeds		382·31
Market charges		32·51
Irrigation rates		27·00
Rent (cash)		23·78
Depreciation		125·67
Repair charges		20·75
Miscellaneous charges		12·83
Interest on investment		759·25
Management		281·53
Total		3086·45

(a) Aman paddy was shown on the leased area.

(b) Two bullocks were maintained for 7 months and only one for the remaining three months

(c) Only 3·75 mds. Aman paddy were given to the landowner as his share

Village—Mandalpara *Block*—Habra-I *P.S.*—Habra *District*—24-Parganas

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres

Aus paddy—	1·58	Joar—	0·10
Aman paddy—	2·12	Brinjal—	0·18
Jute—	2·27	Pumpkin—	0·16
Sugarcane—	0·16	Tomato—	0·62
Potato—	0·36	Radish—	0·12
Wheat—	0·34	Cabbage & Cauliflower—	0·66
Lentil—	0·33	Spinach—	0·05
Gram—	0·20	Coriander—	0·10

Land and Labour

Owned—5·15 acres Leased—nil acres
Given out on lease—0·34 acres
Fallow—nil acres
Cultivated—4·81 acres

Family labour supply
Man—1
Woman—1
Child—1
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	6153·53
Value of F.Y.M.	25·00
Receipt from bullock hire	24·75
Total	6203·28
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	6203·28
Total farm expenses	4346·68
Farm earning	1856·60
Management charges	430·75
Family wages	713·86
Interest earned on capital	802·08
Farm business income	3803·29
FARMER'S EARNING	
On management	2287·35
On family labour	2570·46
On capital investment	2658·68

EXPENDITURE		Rs
Human labour	Family	713·86
	Hired	966·68
Hired bullock		76·50
Seeds		337·53
Fertilisers and manures		316·97
Feeds		378·15
Market charges		68·75
Irrigation rates		52·90
Rent (cash)		25·25
Depreciation		114·59
Repair charges		9·75
Miscellaneous charges		52·92
Interest on investment		802·08
Management		430·75
Total		4346·68

Village—Mandalpara *Block*—Habra-II *P.S.*—Habra *District*—24-Parganas

No of Holding—VIII *Year*—1964-65 '*Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	1·16	Radish—	0·17	Owned—3·50 acres Leased—nil acres Given out on lease—0·53 acres Fallow – nil acres Cultivated—2·97 acres
Aman paddy—	1·50	Spinach—	0·17	
Jute—	1·04			
Sugarcane—	0·48			
Potato—	0·24			Family labour supply Man—3 Woman—1 Child—nil No. of bullocks owned—2
Wheat—	0·09			
Brinjal—	0·08			
Tomato—	0·06			

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	3738·99	Human labour	Family	771·38
			Hired	336·68
Value of F. Y. M.	20·84	Hired bullock		35·41
Receipt from bullock hire	30·50	Seeds		184·62
Total	3790·33	Fertilisers and manures		190·37
Add value of seeds, manure etc. received from landlord	—	Feeds		137·24
Deduct value of share of crops	—	Market charges		31·64
Actual receipts	3790·33	Irrigation rates		12·85
Total farm expenses	2498·25	Rent (cash)		20·25
Farm earning	1292·08	Depreciation		129·33
Management charges	261·73	Repair charges		6·00
Family wages	771·38	Miscellaneous charges		35·89
Interest earned on capital	344·86	Interest on investment		344·86
Farm business income	2670·05	Management		261·73
FARMER'S EARNING		Total		2498·25
On management	1553·81			
On family labour	2063·46			
On capital investment	1636·94			

* Two bullocks were maintained for 8 months and one of them for the rest of the year.

Village—Tegharia *Block* – Baraset-II *P.S.* – Baraset *District* – 24-Parganas

No. of Holding – I *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres				*Land and Labour*
Aman paddy—	3·12	Arum—	0·03	Owned—4·56 acres Leased—nil acres. Given out on lease – 0·42 acres Fallow—0·03 acres Cultivated—4·11 acres.
Jute—	2·70	Coriander—	0·15	
Sugarcane—	0·10			
Potato—	0·52			
Wheat—	0·10			Family labour supply Man – 5 Woman – 1 Child – nil No. of bullocks owned—2
Lentil—	0·23			
Mung—	0·09			
Onion—	0·18			

INCOME	Rs.
Value of crops harvested	6008·08
Value of F. Y. M.	25·00
Receipt from bullock hire	52·00
Total	6085·08
Add value of seeds, manure etc. received from landlord	–
Deduct value of share of crops	—
Actual receipts	6085·08
Total farm expenses	4614·01
Farm earning	1471·07
Management charges	420·56
Family wages	339·36
Interest earned on capital	811·64
Farm business income	3042·63
FARMER'S EARNING	
On management	1891·63
On family labour	1810·43
On capital investment	2282·71

EXPENDITURE		Rs.
Human labour	Family	339·36
	Hired	1596·95
Hired bullock		3·00
Seeds		317·93
Fertilisers and manures		431·93
Feeds		380·09
Market charges		56·00
Irrigation rates		—
Rent (cash)		31·31
Depreciation		159·39
Repair charges		19·43
Miscellaneous charges		46·42
Interest on investment		811·64
Management		420·56
Total		4614·01

Village—Tegharia *Block*—Baraset-II *P. S.*—Baraset *District*—24-Parganas

No. of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aman paddy—	6·49	Onion –	0·63
Jute—	4·72	Beet –	0·20
Potato—	0·52		
Wheat—	0·12		
Tomato—	0·25		
Radish—	0·16		
Cabbage & Cauliflower—	0·04		

Land and Labour

Owned—8·66 acres Leased—0·06 acres
Given out on lease—0·59 acres
Fallow—0·09 acres
Cultivated—8·04 acres

Family labour supply
Man—3*
Woman—1
Child—nil
No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	11054·87
Value of F.Y.M.	29·75
Receipt from bullock hire	34·75
Total	11119·37
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	
Actual receipts	11119·37
Total farm expenses	6858·73
Farm earning	4260·64
Management charges	773·84
Family wages	741·51
Interest earned on capital	1141·12
Farm business income	6917·11
FARMER'S EARNING	
On management	5034·48
On family labour	5002·15
On capital investment	5401·76

EXPENDITURE		Rs.
Human labour	Family	741·51
	Hired	2165·08
Hired bullock		9·12
Seeds		386·00
Fertilisers and manures		631·74
Feeds		458·30
Market charges		91·70
Irrigation rates		—
Rent (cash)		93·00
Depreciation		212·31
Repair charges		12·98
Miscellaneous charges		142·03
Interest on investment		1141·12
Management		773·84
Total		6858·73

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* No share was given to the owner of leased land because he got the residual effect in this land on which the farmer grew Potato as condition of lease.

Village—Tegharia   *Block*—Baraset-II   *P.S.*—Baraset   *District*—24-Parganas

No. of Holding—III   *Year*—1964-65   *Treatment*—Investment & Advice

Crops grown in acres			
Aman paddy—	4·64	Tomato—	0·18
Jute—	3·14	Radish—	0·04
Sugarcane—	0·10	Onion—	0·24
Potato—	0·45	Spongegourd—	0·30
Wheat—	0·12		
Lentil—	0·50		
Khesari—	0·71		
Mung—	0·20		

Land and Labour
(a) Owned—6·87 acres Leased—0·50 acres Given out on lease—0·33 acres. Cultivated—7·04 acres.
Family labour supply Man—4 Woman—1 Child—nil No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	8260·00
Value of F.Y.M.	25·00
Receipt from bullock hire	3·00
Total	8288·00
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 75·56
Actual receipts	8212·44
Total farm expenses	5042·96
Farm earning	3169·48
Management charges	578·20
Family wages	1015·63
Interest earned on capital	879·72
Farm business income	5643·03
FARMER'S EARNING	
On management	3747·68
On family labour	4185·11
On capital investment	4049·20

EXPENDITURE		Rs.
Human Labour	Family	1015·63
	Hired	1063·85
Hired bullock		67·25
Seeds		333·75
Fertilisers and manures		417·67
Feeds		363·43
Market charges		62·78
Irrigation rates		—
Rent (cash)		78·00
Depreciation		99·47
Repair charges		17·25
Miscellaneous charges		65·96
Interest on investment		879·72
Management		578·20
Total		5042·96

(a) The leased land was poor one and jute was cultivated on it.

(b) Only Rs. 75·56 in cash was given to the land owner as his share.

Village—Tegharia *Block*—Baraset-II *P.S.*—Baraset *District*—24-Parganas

No. of Holding—IV *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	1·24		Owned – 2·12 acres Leased—nil acres
Jute—	1·36		Given out on lease—0·16 acres
Potato—	0·41		Fallow—nil acres
Lentil—	0·19		Cultivated—1·96 acres
Onion—	0·05		Family labour supply Man—1 Woman—1 Child—nil No. of bullocks owned—1

INCOME	Rs.
Value of crops harvested	3089·89
Value of F. Y. M.	12·50
Receipt from bullock hire	9·00
Total	3111·39
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	3111·39
Total farm expenses	2172·15
Farm earning	939·24
Management charges	216·29
Family wages	154·50
Interest earned on capital	324·84
Farm business income	1634·87
FARMER'S EARNING	
On management	1155·53
On family labour	1093·74
On capital investment	1264·08

EXPENDITURE		Rs.
Human labour	Family	154·50
	Hired	759·36
Hired bullock		—
Seeds		214·19
Fertilisers and manures		228·49
Feeds		165·67
Market charges		29·49
Irrigation rates		—
Rent (cash)		19·50
Depreciation		21·41
Repair charges		11·11
Miscellaneous charges		27·30
Interest on investment		324·84
Management		216·29
Total		2172·15

Village—Tegharia *Block*—Baraset-II *P.S.*—Baraset *District*—24-Parganas

No of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aman paddy—	3·47	Sponge gourd—	0·08
Jute—	2·32		
Potato—	0·57		
Lentil—	0·57		
Brinjal—	0·03		
Radish—	0·03		
Onion & Spinach—	0·26		

Land and Labour

Owned—5·28 acres Leased—nil acres
Given out on lease—0·33 acres
Cultivated—4·95 acres

Family labour supply
Man—2
Woman—1
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	7036·36
Value of F. Y. M.	25·00
Receipt from bullock hire	122·00
Total	7183·36
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	—
Actual receipts	7183·36
Total farm expenses	4365·12
Farm earning	2818·24
Management charges	492·54
Family wages	445·38
Interest earned on capital	796·77
Farm business income	4552·93
FARMER'S EARNING	
On management	3310·78
On family labour	3263·62
On capital investment	3615·01

EXPENDITURE		Rs.
Human labour	Family	445·38
	Hired	1164·27
Hired bullock		39·50
Seeds		348·49
Fertilisers and manures		397·16
Feeds		355·03
Market charges		26·04
Irrigation rates		—
Rent (cash)		27·50
Depreciation		190·75
Repair charges		21·25
Miscellaneous charges		60 44
Interest on investment		796·77
Management		492·54
Total		4365·12

Village—Tegharia *Block*—Baraset-II *P.S.*—Baraset *District*—24-Parganas

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	4·60		Owned—7·51 acres Leased – nil acres. Given out on lease – 0·60 acres Cultivated—6·91 acres
Jute—	4·61		
Sugarcane—	0·17		
Potato—	0·71		
Wheat—	0·04		Family labour supply Man—3 Woman—1 Child—nil No. of bullocks owned—2
Lentil—	0·46		
Mung—	0·50		
Onion—	0·69		

INCOME	Rs.
Value of crops harvested	9924·20
Value of F. Y. M.	25·00
Receipt from bullock hire	57·75
Total	10006·95
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	—
Actual receipts	10006·95
Total farm expenses	6592·90
Farm earning	3414·05
Management charges	694·69
Family wages	441·02
Interest earned on capital	1261·08
Farm business income	5810·84
FARMER'S EARNING	
On management	4108·74
On family labour	3855·07
On capital investment	4675·13

EXPENDITURE		Rs.
Human labour	Family	441·02
	Hired	2252·13
Hired bullock		25·50
Seeds		503·37
Fertilisers and manures		644·51
Feeds		365·67
Market charges		79·00
Irrigation rates		—
Rent (cash)		60·54
Depreciation		144·08
Repair charges		9·67
Miscellaneous charges		111·64
Interest on investment		1261·08
Management		694·69
Total		6592·90

Village—Tegharia *Block*—Baraset-II *P.S.*—Baraset *District*—24-Parganas

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aman paddy—	1·86	Radish—	0·03
Jute—	2·54	Cabbage & Cauliflower—	0·07
Sugarcane—	0·08	Onion—	0·36
Potato—	0·50		
Wheat—	0·07		
Lentil—	0·24		
Mung—	0·06		
Tomato—	0·03		

Land and Labour

(a)

Owned—3·03 acres Leased—0·44 acres

Given out on lease—0·20 acres

Cultivated—3·27 acres

Family labour supply

Man—4

Woman—1

Child—nil

No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	6205·66
Value of F.Y.M.	25·00
Receipt from bullock hire	87·75
Total	6318·41
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 244·19
Actual receipts	6074·22
Total farm expenses	3857·22
Farm earning	2217·00
Management charges	434·40
Family wages	712·29
Interest earned on capital	490·52
Farm business income	3854·21
FARMER'S EARNING	
On management	2651·40
On family labour	2929·29
On capital investment	2707·52

EXPENDITURE		Rs
Human labour	Family	712·29
	Hired	931·20
Hired bullock		9·12
Seeds		311·27
Fertilisers and manures		355·48
Feeds		322·72
Market charges		82·95
Irrigation rates		—
Rent (cash)		17·90
Depreciation		112·06
Repair charges		17·98
Miscellaneous charges		59·33
Interest on investment		490·52
Management		434·40
Total		3857·22

(a) Jute, Potato and Onion were grown on the leased land.

(b) Rs. 13·50 in cash, 5 mds. of Potato and 4·75 mds. of Onion were given to the land owner as his shares.

Village—Teghoria *Block*—Baraset-II *P.S.*—Baraset *District*—24-Parganas

No of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aman paddy—	4·61		Owned—6·90 acres Leased—nil acres
Jute—	2·87		Given out on lease—0·50 acres
Potato—	0·40		Cultivated—6·40 acres
Lentil—	0·84		Family labour supply
Onion—	0·09		Man—1
Beet—	0·30		Woman—1
			Child—1
			No. of bullocks owned—2

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	7182·07	Human labour	Family	376·29
			Hired	1785·54
Value of F. Y. M.	26·00	Hired bullock		3·75
Receipt from bullock hire	6·00			
Total	7214·07	Seeds		339·76
Add value of seeds, manure etc. received from landlord	—	Fertilisers and manures		418·32
Deduct value of share of crops	—	Feeds		390·02
Actual receipts	7214·07	Market charges		36·20
Total farm expenses	5131·80			
Farm earning	2082·27	Irrigation rates		—
Management charges	502·74	Rent (cash)		68·88
Family wages	376·29			
Interest earned on capital	989·70	Depreciation		101·67
Farm business income	3951·00	Repair charges		7·50
FARMER'S EARNING		Miscellaneous charges		111·43
On management	2585·01	Interest on investment		989·70
On family labour	2458·56	Management		502·74
On capital investment	3071·97	Total		5131·80

Village—Baincha *Block*—Santipur *P.S.*—Santipur *District*—Nadia

No of Holding—I *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	0·82		(a) Owned—3·00 acres Leased—2·32 acres Given out on lease—nil acres Fallow—nil acres Cultivated—5·32 acres
Aman paddy—	3·14		
Jute—	1·82		
Sugarcane—	0·33		
Kalai—	1·00		Family labour supply Man—2 Woman—nil Child—nil No. of bullocks owned—2
Mustard—	0·16		
Linseed—	0·66		

INCOME	Rs.
Value of crops harvested	3665·51
Value of F. Y. M.	24·96
Receipt from bullock hire	32·50
Total	3722·97
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 514·03
Actual receipts	3208·94
Total farm expenses	2352·24
Farm earning	856·70
Management charges	256·58
Family wages	654·51
Interest earned on capital	228·07
Farm business income	1995·86
FARMER'S EARNING	
On management	1113·28
On family labour	1511·21
On capital investment	1084·77

EXPENDITURE		Rs.
Human labour	Family	654·51
	Hired	460·30
Hired bullock		50·00
Seeds		110·39
Fertilisers and manures		140·94
Feeds		282·26
Market charges		—
Irrigation rates		30·75
Rent (cash)		12·81
Depreciation		88·97
Repair charges		18·00
Miscellaneous charges		18·66
Interest on investment		228·07
Management		256·58
Total		2352·24

(a) Aman paddy and Jute were grown on the leased land.

(b) 21 01 mds. Aman paddy and 37·99 mds. of Aman straw were handed over to the land owner as his share.

Village—Baincha *Block*—Santipur *P. S.*—Santipur *District*—Nadia

No. of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	2·80	Brinjal—	0·33	(a) Owned—5·64 acres Leased—2·15 acres
Aman paddy—	2·30			Given out on lease—0·66 acres
Jute—	1·49			Fallow—nil acres
Sugarcane –	0·66			Cultivated—7·13 acres
Wheat—	0·50			Family labour supply
Kalai—	1·82			Man—2
Gram –	0·66			Woman—nil Child—nil
Mustard—	0·66			No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	3620·65
Value of F.Y.M.	24·06
Receipt from bullock hire	58·50
Total	3704·11
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 214·98
Actual receipts	3489·13
Total farm expenses	2901·38
Farm earning	587·75
Management charges	253·44
Family wages	564·24
Interest earned on capital	326·36
Farm business income	1731·79
FARMER'S EARNING	
On management	841·19
On family labour	1151·99
On capital investment	914·11

EXPENDITURE		Rs.
Human labour	Family	564·24
	Hired	787·87
Hired bullock		81·50
Seeds		175·44
Fertilisers and manures		184·72
Feeds		304·79
Market charges		—
Irrigation rates		72·35
Rent (cash)		18·64
Depreciation		89·24
Repair charges		18·00
Miscellaneous charges		24·79
Interest on investment		326·36
Management		253·44
Total		2901·38

(a) Aus paddy, Aman paddy and Kalai were grown on the leased land.

(b) 3 mds. of Aus paddy, 7·88 mds. of Aman paddy and 15·73 mds. of Aman straw were handed over to the landowner as his share.

Village—Baincha *Block*—Santipur *P.S.*—Santipur *District*—Nadia

No. of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		*Land and Labour*
Aus paddy—	1·81	(a) Owned—3·57 acres Leased—1·15 acres Given out on lease—nil acres. Cultivated—4·72 acres.
Aman paddy—	1·16	
Mesta—	0 91	
Sugarcane—	0·50	Family labour supply Man—1 Woman—nil Child—1 No. of bullocks owned—2
Kalai—	1·00	
Gram & Linseed—	0·91	

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	2258·17	Human Labour	Family	464 83
			Hired	332·50
Value of F.Y.M.	24·96	Hired bullock		41·50
Receipt from bullock hire	5·50			
Total	2288·63	Seeds		195·24
Add value of seeds, manure etc. received from landlord	—	Fertilisers and manures		39·56
Deduct value of share of crops	(b) 133·35	Feeds		261·33
Actual receipts	2155·28	Market charges		—
Total farm expenses	1859·01			
Farm earning	296·27	Irrigation rates		27·20
Management charges	158·07	Rent (cash)		14·00
Family wages	464·83			
Interest earned on capital	231·01	Depreciation		64·08
Farm business income	1150·18	Repair charges		18·00
FARMER'S EARNING		Miscellaneous charges		11·69
On management	454·34	Interest on investment		231·01
On family labour	761·01	Management		158·07
On capital investment	527·28	Total		1859·01

(a) Aus paddy was grown on the leased area

(b) 8·51 mds. of Aus paddy was handed over to the landowner as his share.

Village—Baincha *Block*—Santipur *P.S.*—Santipur *District*—Nadia

No. of Holding—IV *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres

Aus paddy—	3·28	Mustard –	1·00
Aman paddy—	2·33		
Jute—	2·50		
Sugarcane—	(a) 0·33		
Potato—	0·33		
Wheat—	2·49		
Kalai—	1·16		
Mung—	0·49		

Land and Labour

Owned – 5·65 acres Leased—0·46 acres (b)
Given out on lease—nil acres
Fallow—nil acres
Cultivated—6·11 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	4801·08
Value of F. Y. M.	24·57
Receipt from bullock hire	—
Total	4825·65
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(c) 70·50
Actual receipts	4755·15
Total farm expenses	3921·44
Farm earning	833·71
Management charges	336·08
Family wages	556·71
Interest earned on capital	374·17
Farm business income	2100·67
FARMER'S EARNING	
On management	1169·79
On family labour	1390·42
On capital investment	1207·88

EXPENDITURE		Rs.
Human labour	Family	556·71
	Hired	1158·75
Hired bullock		82·50
Seeds		448·76
Fertilisers and manures		403·76
Feeds		296·26
Market charges		—
Irrigation rates		111·55
Rent (cash)		28·02
Depreciation		67·28
Repair charges		26·00
Miscellaneous charges		31·60
Interest on investment		374·17
Management		336·08
Total		3921·44

(a) The crop was sown on 0·33 acres of area, but completely damaged at an early stage.

(b) Aus paddy was grown on the leased area.

(c) 4·02 mds of Aus paddy and 8·04 mds. of Aus straw were handed over to the land owner as his share.

Village—Baincha *Block*–Santipur *P.S.*–Santipur *District*–Nadia

No. of Holding–V *Year*–1964-65 *Treatment*–Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	3·16	Mustard–	0·66	(a) *Owned—1·82 acres Leased—5·25 acres. Given out on lease–nil acres Fallow—nil acres Cultivated—7·07 acres. Family labour supply Man–2 Woman–nil Child–nil No. of bullocks owned—2
Aman paddy—	0·90			
Jute—	0·99			
Mesta—	0·33			
Sugarcane—	0·69			
Wheat—	0·33			
Kalai—	1·48			
Gram—	0·16			

INCOME	Rs.
Value of crops harvested	2852·39
Value of F. Y. M.	24·96
Receipt from bullock hire	—
Total	2877·35
Add value of seeds, manure etc. received from landlord	–
Deduct value of share of crops	(b) 940·38
Actual receipts	1936·97
Total farm expenses	2198·81
Farm earning	–261·84
Management charges	199·67
Family wages	565·91
Interest earned on capital	144·70
Farm business income	648·44
FARMER'S EARNING	
On management	–62·17
On family labour	304·07
On capital investment	–117·14

EXPENDITURE		Rs.
Human labour	Family	565·91
	Hired	526·21
Hired bullock		98·75
Seeds		101·11
Fertilisers and manures		128·36
Feeds		284·87
Market charges		—
Irrigation rates		23·25
Rent (cash)		8·50
Depreciation		76·76
Repair charges		26 00
Miscellaneous charges		14·72
Interest on investment		144·70
Management		199·67
Total		2198 81

(a) Aus paddy, Aman paddy, Jute, Mesta, Sugarcane, Wheat, Kalai and Gram were grown on the leased area.

(b) 22·45 mds. of Aus paddy, 0·40 mds, of Jute 1·07 mds. of Mesta, green Kalai, amounting to Rs 40/- 1·50 mds. of Kalai 9·51 mds. of Aman paddy, 17·28 mds. of Aman straw, 7·38 mds, of Sugareane were handed over to the landowner as his share.

Village—Baincha *Block*—Santipur *P.S.*—Santipur *District*—Nadia

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres	
Aus paddy—	0·85
Aman paddy—	1·40
Jute—	(a) 1·43
Sugarcane—	0·57
Wheat—	0·33
Kalai—	1·51
Joar—	0·08
Radish—	0·33

Land and Labour

Owned—2·93 acres Leased – 1·51 acres.(b)
Given out on lease – nil acres
Cultivated—4·44 acres

Family labour supply
Man – 2
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	1738·61
Value of F. Y. M.	17·33
Receipt from bullock hire	—
Total	1755·94
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	(c) 92·76
Actual receipts	1663·18
Total farm expenses	1616·98
Farm earning	46·20
Management charges	121·70
Family wages	343·04
Interest earned on capital	224·10
Farm business income	735·04
FARMER'S EARNING	
On management	167·90
On family labour	389·24
On capital investment	270·30

EXPENDITURE		Rs.
Human labour	Family	343·04
	Hired	349·20
Hired bullock		31·00
Seeds		102·05
Fertilisers and manures		49·90
Feeds		247·62
Market charges		—
Irrigation rates		26·25
Rent (cash)		12·00
Depreciation		83·37
Repair charges		18·00
Miscellaneous charges		8·75
Interest on investment		224·10
Management		121·70
Total		1616·98

(a) The crop was sown in 1·43 acres of area, but damaged.

(b) Aus paddy, Jute and Kalai were grown on the leased land.

(c) 0·75 mds. of Aus paddy and 4·02 mds. Kalai were handed over to the landowner as his share.

Village—Baincha *Block*—Santipur *P.S.*—Santipur *District*—Nadia

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	1·49	Mustard—	0·33
Aman paddy—	1·82	Cauliflower—	0·25
Jute—	1·86		
Sugarcane—	0·25		
Potato—	0·16		
Wheat—	1·16		
Kalai—	0·87		
Gram—	0·49		

Land and Labour

(a)

Owned—3·03 acres Leased—2·11 acres

Given out on lease—nil acres

Cultivated—5·14 acres

Family labour supply

Man—2

Woman—nil

Child—nil

No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	2827·25
Value of F.Y.M.	24·96
Receipt from bullock hire	12·50
Total	2864·71
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 303·64
Actual receipts	2561·07
Total farm expenses	2757·96
Farm earning	–196·89
Management charges	197·91
Family wages	567·89
Interest earned on capital	249·47
Farm business income	818·38
FARMER'S EARNING	
On management	1·02
On family labour	371·00
On capital investment	52·58

EXPENDITURE		Rs
Human labour	Family	567·89
	Hired	734·62
Hired bullock		33·50
Seeds		201·80
Fertilisers and manures		238·48
Feeds		300·46
Market charges		—
Irrigation rates		66·60
Rent (cash)		10·30
Depreciation		111·77
Repair charges		18·00
Miscellaneous charges		27·16
Interest on investment		249·47
Management		197·91
Total		2757·96

(a) Aman paddy, Jute and Gram were grown on the leased area.

(b) 2·00 mds. of Aus paddy, Jute amountod Rs. 100·00, 7·01 mds. of Aman paddy and 12·99 mds. of Aman straw were handed over to the land owner as his share.

Village—Baincha *Block*—Santipur *P.S.*—Santipur *District*—Nadia

No of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	3·86	Gram—	0·66
Aman paddy—	4·57	Mustard—	0·75
Jute—	(a) 0·82	Til—	0·33
Mesta—	2·05		
Sugarcane—	0·66		
Wheat—	0·49		
Lentil—	0·25		
Kalai—	2·56		

Land and Labour

(b)
Owned—12·28 acres Leased—0·66 acres
Given out on lease—2·56 acres
Fallow—nil acres
Cultivated—10·38 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	4381·35
Value of F. Y. M.	45·76
Receipt from bullock hire	—
Total	4427·11
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 75·20
Actual receipts	4351·91
Total farm expenses	3021·12
Farm earning	1330·79
Management charges	306·69
Family wages	569·30
Interest earned on capital	577·22
Farm business income	2784·00
FARMER'S EARNING	
On management	1637·48
On family labour	1900·09
On capital investment	1908·01

EXPENDITURE		Rs.
Human labour	Family	569·30
	Hired	428·78
Hired bullock		22·50
Seeds		239·18
Fertilisers and manures		91·44
Feeds		586·30
Market charges		—
Irrigation rates		41·50
Rent (cash)		27·80
Depreciation		102·52
Repair charges		26·00
Miscellaneous charges		1·89
Interest on investment		577·22
Management		306·69
	Total	3021·12

(a) The crop was sown on 0·82 acres of area, but damaged.

(b) Aus paddv, Mesta and Wheat were grown on the leased area,

(c) 2·52 mds. of Mesta were handed over to the land owner as his shaae.

Village—Pashchim Bhatjungla *Block*—Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No of Holding—I *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	3·15		(a) Owned—1·15 acres Leased—4·99 acres
Aman paddy–	1·33		Given out on lease—nil acres
Jute—	2·00		Cultivated—6·14 acres
Wheat—	1·33		Family labour supply
Kalai—	1·78		Man—1
Gram—	0·66		Woman—nil
Bhuro—	0·17		Child – nil
Brinjal—	0·33		No. of bullocks owned – 2

INCOME	Rs.
Value of crops harvested	4271·98
Value of F. Y. M.	24·96
Receipt from bullock hire	111·37
Total	4408·31
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 399·52
Actual receipts	4008·79
Total farm expenses	2245·00
Farm earning	1763·79
Management charges	299·04
Family wages	370·39
Interest earned on capital	124·04
Farm business income	2557·26
FARMER'S EARNING	
On management	2062·83
On family labour	2134·18
On capital investment	1887·83

EXPENDITURE		Rs.
Human labour	Family	370·39
	Hired	591·48
Hired bullock		81·21
Seeds		106·26
Fertilisers and manures		211·24
Feeds		253·51
Market charges		—
Irrigation rates		35·00
Rent (cash)		1·94
Depreciation		101·51
Repair charges		27·20
Miscellaneous charges		42·18
Interest on investment		124·04
Management		299·04
Total		2245·00

(a) Aus paddy, Aman paddy, Jute, Wheat, Kalai, Brinjal, Gram, Bhuro were grown on the leased area.

(b) 9·03 mds of Aus paddy, 1·50 mds. of Kalai and Rs. 215·00 in cash were paid to the landowner as his share.

Village—Pashchim Bhatjungla *Block*—Krishnanagar-I *P. S.*—Kotwali *District*—Nadia

No. of Holding—II *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		
Aus paddy— & Arhar—	3·76	
Jute—	1·17	
Wheat—	1·17	
Kalai—	2·33	
Mustard—	0·83	

Land and Labour

Owned—4·68 acres Leased—0·41 acres (a)
Given out on lease—nil acres
Cultivated—5·09 acres

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	3706·73
Value of F.Y.M.	24·06
Receipt from bullock hire	111·75
Total	3843·44
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 37·95
Actual receipts	3805·49
Total farm expenses	2250 95
Farm earning	1554·54
Management charges	259·47
Family wages	626·01
Interest earned on capital	328·73
Farm business income	2768·75
FARMER'S EARNING	
On management	1814·01
On family labour	2180·55
On capital investment	1883·27

EXPENDITURE		Rs.
Human labour	Family	626·01
	Hired	243·74
Hired bullock		45·38
Seeds		94·77
Fertilisers and manures		173·62
Feeds		270·51
Market charges		—
Irrigation rates		38·20
Rent (cash)		16·94
Depreciation		95·40
Repair charges		30·00
Miscellaneous charges		28·18
Interest on investment		328·73
Management		259·47
Total		2250·95

(a) Aus paddy, Kalai were grown on the leased land.

(b) 1·88 mds. of Aus paddy, and 0·29 mds. of Kalai were given to the landowner as his share.

Village—Pashchim Bhatjungla *Block*—Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No. of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	3·66	Bhuro –	0·20
Aman paddy—	0·52	Brinjal & Pumpkin –	0·17
Jute—	1·59		
Sugarcane—	0·16		
Wheat—	0·68		
Kalai—	3·37		
Gram—	0·91		
Mustard—	0·49		

Land and Labour

(a)
Owned—4·91 acres Leased—1·40 acres
Given out on lease—nil acres.
Cultivated—6·31 acres.

Family labour supply
Man—2
Woman—nil
Child—nil
No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	4410·44
Value of F.Y.M.	40·56
Receipt from bullock hire	–
Total	4451·00
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 130·41
Actual receipts	4320·59
Total farm expenses	3709·44
Farm earning	611·15
Management charges	308·73
Family wages	852·62
Interest earned on capital	378·15
Farm business income	2150·65
FARMER'S EARNING	
On management	919·88
On family labour	1463·77
On capital investment	989·30

EXPENDITURE		Rs.
Human Labour	Family	852·62
	Hired	897·41
Hired bullock		124·52
Seeds		138·92
Fertilisers and manures		239·66
Feeds		382·55
Market charges		–
Irrigation rates		11·40
Rent (cash)		14·76
Depreciation		128·99
Repair charges		191·50
Miscellaneous charges		40·23
Interest on investment		378·15
Management		308·73
Total		3709·44

(a) Aus paddy Jute, Sugarcane, Kalai and Bhuro were grown on the leased land.

(b) 6·30 mds. of Aus paddy and 1·12 mds. of Kalai were given to the landowner as his share.

Village—Pashchim Bhatjungla *Block*—Krishnanagar *P.S.*—Kotwali *District*—Nadia

No. of Holding—IV *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	5·14	Bhuro –	0·08
Aman paddy—	1·00	Brinjal—	0·08
Jute—	3·28		
Sugarcane—	0·33		
Wheat—	0·66		
Kalai—	5·38		
Gram—	0·50		
Mustard –	0·66		

Land and Labour

(a)
Owned – 5·00 acres Leased—4·99 acres
Given out on lease—nil acres
Cultivated—9·99 acres

Family labour supply
Man—3
Woman—1
Child—nil
No. of bullocks owned—4

INCOME	Rs.
Value of crops harvested	6419·01
Value of F. Y. M.	49·92
Receipt from bullock hire	127·50
Total	6596·43
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 593·27
Actual receipts	6003·16
Total farm expenses	4246·40
Farm earning	1756·76
Management charges	449·33
Family wages	1156·91
Interest earned on capital	382·39
Farm business income	3745·39
FARMER'S EARNING	
On management	2206·09
On family labour	2913·67
On capital investment	2139·15

EXPENDITURE		Rs.
Human labour	Family	1156·91
	Hired	893·52
Hired bullock		117·22
Seeds		179·10
Fertilisers and manures		322·83
Feeds		474·12
Market charges		—
Irrigation rates		9·90
Rent (cash)		13·27
Depreciation		122·97
Repair charges		46·17
Miscellaneous charges		78·67
Interest on investment		382·39
Management		449·33
Total		4246·40

(a) Aus paddy, Aman paddy, Jute, Wheat & Kalai were grown on the leased land.

(b) 18·08 mds. of Aus paddy, 12·03 mds. of Aman paddy and 3 mds. of Kalai were given to the landowner as his share.

Village—Pashchim Bhatjungla *Block* – Krishnanagar-I *P.S.* – Kotwali *District* – Nadia

No. of Holding – V *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	2·20		Owned—4·04 acres Leased—nil acres. Given out on lease – nil acres Fallow—nil acres Cultivated—4·04 acres.
Aman paddy—	1·26		
Jute—	0·58		
Kalai—	2·10		
Gram—	0·66		Family labour supply Man – 1 Woman – nil Child – nil No. of bullocks owned—2

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	2292·52	Human labour	Family	404·69
			Hired	496·62
Value of F. Y. M.	24·96	Hired bullock		69·47
Receipt from bullock hire	26·50	Seeds		70·90
Total	2343·98	Fertilisers and manures		96·25
Add value of seeds, manure etc. received from landlord	–	Feeds		233·92
Deduct value of share of crops	—	Market charges		—
Actual receipts	2343·98	Irrigation rates		—
Total farm expenses	1965·37	Rent (cash)		15·53
Farm earning	378·61	Depreciation		76·71
Management charges	160·48	Repair charges		37·20
Family wages	404·69	Miscellaneous charges		14·50
Interest earned on capital	289·10	Interest on investment		289·10
Farm business income	1232 88	Management		160·48
FARMER'S EARNING		Total		1965·37
On management	539·09			
On family labour	783·30			
On capital investment	667·71			

Village—Pashchim Bhatjungla *Block*—Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	3·50		(b) Owned—10·57 acres Leased – nil acres. Given out on lease – nil acres Cultivated—10·57 acres
Aman paddy—	1·88		
Jute—	5·16		
Wheat—	0·66		Family labour supply Man—2 Woman—nil Child—nil No. of bullocks owned—4
Kalai—	3·68		
Mustard—	0·66		
Gram—	0·50		

INCOME	Rs.
Value of crops harvested	8288·55
Value of F. Y. M.	49·92
Receipt from bullock hire	—
Total	8338·47
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	—
Actual receipts	8338·47
Total farm expenses	5109·72
Farm earning	3228·75
Management charges	580·20
Family wages	118·97
Interest earned on capital	802·60
Farm business income	4730·52
FARMER'S EARNING	
On management	3808·95
On family labour	3347·72
On capital investment	4031·35

EXPENDITURE		Rs.
Human labour	Family	118·97
	Hired	2184·45
Hired bullock		44 54
Seeds		138·93
Fertilisers and manures		282·42
Feeds		524·74
Market charges		—
Irrigation rates		45·50
Rent (cash)		45·04
Depreciation		176·24
Repair charges		80·76
Miscellaneous charges		85·33
Interest on investment		802·60
Management		580·20
Total		5109·72

Village—Pashchim Bhatjungla *Block*—Krishnanagar-I P.S.—Kotwali *District*—Nadia

No. of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	5·85	Mustard—	1·33
Aman paddy—	1·22	Bhuro—	0·41
Jute—	2·69	Brinjal & Pumpkin—	0·16
Mesta—	0·91		
Sugarcane—	0·50		
Wheat—	0·68		
Kalai—	5·59		
Gram—	1·16		

Land and Labour

(a)
Owned—9·27 acres Leased—2·82 acres
Given out on lease—nil acres
Cultivated—12·09 acres

Family labour supply
Man—1
Woman—nil
Child—nil
No. of bullocks owned—5

INCOME	Rs.
Value of crops harvested	8899·94
Value of F.Y.M.	49·92
Receipt from bullock hire	18·75
Total	8968·61
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 296·73
Actual receipts	8671·88
Total farm expenses	5475·49
Farm earning	3196·39
Management charges	623 00
Family wages	215·61
Interest earned on capital	730 04
Farm business income	4765·04
FARMER'S EARNING	
On management	3819·39
On family labour	3412·00
On capital investment	3926·43

EXPENDITURE		Rs.
Human labour	Family	215·61
	Hired	2271·64
Hired bullock		173·54
Seeds		206·40
Fertilisers and manures		326·86
Feeds		585·13
Market charges		—
Irrigation rates		10 20
Rent (cash)		21·60
Depreciation		200·46
Repair charges		43·76
Miscellaneous charges		67·25
Interest on investment		730·04
Management		623·00
Total		5475·49

(a) Aus paddy, Aman paddy and Kalai were grown on the leased land.

(b) 10·88 mds. of Aus paddy, 4 02 mds of Aman paddy and 1 80 mds. of Kalai were given to the landowner as his share

Village—Pashchim Bhatjungla *Block*—Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres				*Land and Labour*
Aus paddy—	6·46	Mustard—	0·66	(a) Owned—8·93 acres Leased—3·00 acres Given out on lease—nil acres Cultivated—11·93 acres
Aman paddy—	1·50	Bhuro—	0·41	
Jute—	2·77	Brinjal—	0·08	
Mesta—	0·71	Pumpkin—	0·10	
Sugarcane—	0·17			Family labour supply Man—2 Woman—nil Child—nil No. of bullocks owned—5
Wheat—	2·16			
Kalai—	5·36			
Gram—	1·60			

INCOME	Rs.
Value of crops harvested	8055·34
Value of F. Y. M.	49·92
Receipt from bullock hire	50·50
Total	8155·76
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 276·11
Actual receipts	7879·65
Total farm expenses	5278·08
Farm earning	2601·57
Management charges	563·87
Family wages	350·95
Interest earned on capital	682·59
Farm business income	4198·98
FARMER'S EARNING	
On management	3165·44
On family labour	2952·52
On capital investment	3284·16

EXPENDITURE		Rs.
Human labour	Family	350·95
	Hired	1932·13
Hired bullock		50·88
Seeds		244·19
Fertilisers and manures		380·56
Feeds		595·53
Market charges		—
Irrigation rates		45·20
Rent (cash)		36·90
Depreciation		227·16
Repair charges		89·75
Miscellaneous charges		78·37
Interest on investment		682·59
Management		563·87
Total		5278·08

(a) Aus paddy, Jute, Mesta, Wheat, Kalai were grown on the leased land.

(b) 13·5 mds. Aus paddy and 2·25 mds. Kalai were given to the landowner as his share.

Village—Assannagore *Block* – Krishnanagar-I *P.S.* – Kotwali *District* – Nadia

No. of Holding – I * *Year* – 1964-65 *Treatment* – Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	0·23		Owned—3·08 acres Leased—nil acres. Given out on lease – nil acres Fallow—nil acres Cultivated—3·08 acres.
Aman paddy—	1·02		Family labour supply Man – 2 Woman – 1 Child – nil No. of bullocks owned—2
Jute—	1·83		
Gram—	1·08		
Mustard—	0·23		
Linseed –	0·75		

INCOME	Rs.
Value of crops harvested	2120·32
Value of F. Y. M.	25·02
Receipt from bullock hire	—
Total	2145·34
Add value of seeds, manure etc. received from landlord	–
Deduct value of share of crops	—
Actual receipts	2145·34
Total farm expenses	2014·47
Farm earning	130·87
Management charges	148·42
Family wages	559·09
Interest earned on capital	320·60
Farm business income	1158·98
FARMER'S EARNING	
On management	279·29
On family labour	689·96
On capital investment	451·47

EXPENDITURE		Rs.
Human labour	Family	559·09
	Hired	472·96
Hired bullock		58·99
Seeds		64·34
Fertilisers and manures		117·83
Feeds		167·79
Market charges		—
Irrigation rates		—
Rent (cash)		11·25
Depreciation		69·12
Repair charges		—
Miscellaneous charges		24·08
Interest on investment		320·60
Management		148·42
Total		2014·47

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* Cultivator no. I selected for the previous year did not continue his farming in the current year. A new farm was selected for this year.

Village—Assannagore *Block*—Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No. of Holding—11 *Year* – 1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	0·90		(a) Owned – 0·33 acres Leased—4·75 acres Given out on lease—nil acres Fallow—nil acres Cultivated—5·08 acres
Aman paddy—	2·06		
Jute—	2·10		
Gram—	1·12		
Mustard—	1·64		Family labour supply Man—1 Woman—1 Child—nil No. of bullocks owned—3

INCOME	Rs.
Value of crops harvested	3011·87
Value of F. Y. M.	38·09
Receipt from bullock hire	—
Total	3049·96
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 934·15
Actual receipts	2115·81
Total farm expenses	2306·93
Farm earning	–191·12
Management charges	210·83
Family wages	489·48
Interest earned on capital	93·01
Farm business income	602·20
FARMER'S EARNING	
On management	19·71
On family labour	298·36
On capital investment	–98·11

EXPENDITURE		Rs.
Human labour	Family	489·48
	Hired	740·49
Hired bullock		67·00
Seeds		109·44
Fertilisers and manures		160·73
Feeds		300·21
Market charges		—
Irrigation rates		—
Rent (cash)		0·33
Depreciation		114·61
Repair charges		—
Miscellaneous charges		20·80
Interest on investment		93·01
Management		210·83
Total		2306·93

(a) Aus paddy, Aman paddy, Jute, Gram and Mustard were grown on the leased land.

(b) 8·01 mds. of Aus paddy, 15·14 mds. of Aman paddy, 10·66 mds. of Jute, 1·71 mds. of Mustard and 1·93 mds. of Gram were handed over to the landowner as his share.

Village—Assannagore *Block*—Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No. of Holding—III *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres	
Aus paddy—	1·78
Aman paddy—	1·14
Jute—	3·67
Lentil—	0·50
Kalai—	0·53
Gram—	2·39
Mung—	0·20
Mustard—	0·70

Land and Labour

(a)
Owned—5·92 acres Leased—0·65 acres
Given out on lease—0·51 acres
Fallow—nil acres
Cultivated—6·06 acres

Family labour supply
Man—3
Woman—2
Child—nil
No. of bullocks owned—2

INCOME	Rs.
Value of crops harvested	5944·37
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	5969·37
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 65·60
Actual receipts	5903·77
Total farm expenses	3111·71
Farm earning	2792·06
Management charges	416·10
Family wages	922·40
Interest earned on capital	524·33
Farm business income	4654·89
FARMER'S EARNING	
On management	3208·16
On family labour	3714·46
On capital investment	3316·39

EXPENDITURE		Rs
Human labour	Family	922·40
	Hired	458·07
Hired bullock		93·12
Seeds		143·72
Fertilisers and manures		200·14
Feeds		201·83
Market charges		—
Irrigation rates		—
Rent (cash)		20·50
Depreciation		86·00
Repair charges		—
Miscellaneous charges		45·50
Interest on investment		524·33
Management		416·10
Total		3111·71

(a) Aus paddy, Jute, Lentil and gram were grown on the leased area.

(b) 0·54 mds. of Lentil and 1·31 mds. of Gram were handed over to the landowner as his share.

Village—Assannagore *Block*—Krishnanagar-I *P. S.*—Kotwali *District*—Nadia

No. of Holding—IV *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			
Aus paddy—	1·80	Mustard & Linseed—	0·16
Aman paddy—	0·64*		
Jute—	1·63		
Pea—	0·22		
Kalai—	0·65		
Mung—	0·66		
Mustard—	1·81		

Land and Labour

(a)
Owned—2·66 acres Leased—1·48 acres
Given out on lease—nil acres
Fallow—nil acres
Cultivated—4·14 acres

Family labour supply
Man—1
Woman—nil
Child—1
No. of bullocks owned—2

INCOME	Rs
Value of crops harvested	3037·65
Value of F.Y.M.	25·00
Receipt from bullock hire	—
Total	3062·65
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 123·38
Actual receipts	2939·27
Total farm expenses	2291·54
Farm earning	647·73
Management charges	212·64
Family wages	469·41
Interest earned on capital	245·38
Farm business income	1575·16
FARMER'S EARNING	
On management	860·37
On family labour	1117·14
On capital investment	893·11

EXPENDITURE		Rs.
Human labour	Family	469·41
	Hired	883·54
Hired bullock		48·00
Seeds		93·71
Fertilisers and manures		128·27
Feeds		143·16
Market charges		—
Irrigation rates		—
Rent (cash)		8·79
Depreciation		42·64
Repair charges		—
Miscellaneous charges		16·00
Interest on investment		245·38
Management		212·64
Total		2291·54

* Aman paddy was sown on 0·64 acres but were completly damaged.

(a) Aus paddy, Jute, Lentil and Gram were grown on the leased area.

(b) 8·44 mds. of Aus paddy was handed over to the landowner as his share.

Village—Assannagore *Block*—Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No. of Holding—V *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		*Land and Labour*
Aus paddy— 2·02		(a) Owned—5·86 acres Leased—2·16 acres Given out on lease—0·13 acres. Fallow—nil acres. Cultivated—7·89 acres.
Aman paddy— 4·11		
Jute— 1·84		
Kalai— 0·64		
Gram— 0·60		Family labour supply Man—3 Woman—2 Child—nil No. of bullocks owned—2
Mung— 0·22		
Mustard— 1·49		

INCOME	Rs.
Value of crops harvested	5163·43
Value of F.Y.M.	25·02
Receipt from bullock hire	–
Total	5188·45
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 190·83
Actual receipts	4997·62
Total farm expenses	3195·14
Farm earning	1802·48
Management charges	361·44
Family wages	759·98
Interest earned on capital	505 99
Farm business income	3429·89
FARMER'S EARNING	
On management	2163·92
On family labour	2562·46
On capital investment	2308·47

EXPENDITURE		Rs.
Human Labour	Family	759 98
	Hired	881·68
Hired bullock		92·49
Seeds		143·32
Fertilisers and manures		102·47
Feeds		199·49
Market charges		–
Irrigation rates		–
Rent (cash)		27 04
Depreciation		97·12
Repair charges		–
Miscellaneous charges		24·12
Interest on investment		505·99
Management		361·44
Total		3195·14

(a) Aus paddy, Amam paddy, Jute, Kalai and Mustard were grown on the leased area

(b) 2·01 mds. of Aus paddy, 4·74 mds of Aman paddy, 1·50 mds. of Kalai and 1 02 mds of Mustard were handed over to the landowner as his share

Village—Assannagore *Block*—Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No of Holding—VI *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres		
Aus paddy—	1·57	
Aman paddy—	3·87	
Jute—	2·18	
Wheat—	0·33*	
Mung—	0·39	
Mustard—	1·67	
Gram & Mustard—	0·58	

Land and Labour

Owned—5·89 acres Leased—1·85 acres (a)
Given out on lease—nil acres
Fallow—nil acres
Cultivated—7·74 acres

Family labour supply
Man—4
Woman—2
Child—nil
No. of bullocks owned—2

INCOME	Rs.	EXPENDITURE		Rs.
Value of crops harvested	4276·44	Human labour	Family	787·28
			Hired	757·48
Value of F. Y. M.	25·02	Hired bullock		51·75
Receipt from bullock hire	—	Seeds		142·91
Total	4301·46	Fertilisers and manures		202·55
Add value of seeds, manure etc. received from landlord	—	Feeds		237·87
Deduct value of share of crops	(b) 210·17	Market charges		—
Actual receipts	4091·29	Irrigation rates		—
Total farm expenses	3269·01	Rent (cash)		26·64
Farm earning	822·28	Depreciation		195·74
Management charges	299·35	Repair charges		—
Family wages	787·28	Miscellaneous charges		29·92
Interest earned on capital	537·52	Interest on investment		537·52
Farm business income	2446·43	Management		299·35
FARMER'S EARNING				
On management	1121·63			
On family labour	1609·56			
On capital investment	1359·80	Total		3269 01

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* Wheat was sown on 0·33 acres of land, but damaged.

(a) Aus paddy, Aman paddy, Jute, gram and Mustard were grown on the leased area.

(b) 5·01 mds. of Aus paddy and 8·04 mds, of Aman paddy were handed over to the landowner as his share.

Village—Assannagore *Block*—Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No of Holding—VII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	2·34		(a)
Aman paddy –	2·70		Owned—6·31 acres Leased—0·94 acres
Jute—	2·62		Given out on lease—nil acres
Lentil—	0·73		Fallow—nil acres Cultivated—7·25 acres
Kalai—	0·91		Family labour supply
Gram—	0·84		Man—3 Woman—2
Mung—	0·38		Child – nil
Mustard –	2·02		No. of bullocks owned – 4

INCOME	Rs.
Value of crops harvested	5100·29
Value of F. Y. M.	50·11
Receipt from bullock hire	—
Total	5150·40
Add value of seeds, manure etc. received from landlord	—
Deduct value of share of crops	(b) 271·56
Actual receipts	4878·84
Total farm expenses	4004·20
Farm earning	874·64
Management charges	357·02
Family wages	1104·05
Interest earned on capital	666·61
Farm business income	3002·32
FARMER'S EARNING	
On management	1231·66
On family labour	1978·69
On capital investment	1541·25

EXPENDITURE		Rs.
Human labour	Family	1104·05
	Hired	748·27
Hired bullock		83·75
Seeds		189·85
Fertilisers and manures		253·90
Feeds		349·45
Market charges		—
Irrigation rates		—
Rent (cash)		30·74
Depreciation		190·48
Repair charges		—
Miscellaneous charges		30·08
Interest on investment		666·61
Management		357 02
Total		4004·20

(a) Aman paddy and Jute were grown on the leased area.

(b) 15·94 mds. of Aman paddy were handed over to the landowner as his share

Village—Assannagore *Block* – Krishnanagar-I *P.S.*—Kotwali *District*—Nadia

No of Holding—VIII *Year*—1964-65 *Treatment*—Investment & Advice

Crops grown in acres			*Land and Labour*
Aus paddy—	1·75		Owned—19·24 acres Leased – nil acres. Given out on lease – 2·53 acres Fallow – 0·41 acres. Cultivated—16·30 acres
Aman paddy—	9·08		
Jute—	4·95		
Lentil—	0·16		
Kalai—	1·88		Family labour supply Man—7 Woman—3 Child—1 No. of bullocks owned—4
Gram—	0·85		
Mung—	0·44		
Mustard –	1·57		

INCOME	Rs.
Value of crops harvested	11240·81
Value of F. Y. M.	50·00
Receipt from bullock hire	—
Total	11290·81
Add value of seeds, manure etc received from landlord	—
Deduct value of share of crops	—
Actual receipts	11290·81
Total farm expenses	6694·82
Farm earning	4595·99
Management charges	786·86
Family wages	1396·22
Interest earned on capital	1383·42
Farm business income	8162·49
FARMER'S EARNING	
On management	5382·85
On family labour	5992·21
On capital investment	5979·41

EXPENDITURE		Rs.
Human labour	Family	1396·22
	Hired	1353·29
Hired bullock		120 00
Seeds		267·84
Fertilisers and manures		417·45
Feeds		570·83
Market charges		14·74
Irrigation rates		—
Rent (cash)		47·31
Depreciation		301·66
Repair charges		—
Miscellaneous charges		35·20
Interest on investment		1383·42
Management		786·86
Total		6694·82

COST OF PRODUCTION OF CROPS

Vill—Joteram Block—Burdwan Sadar P.S.—Burdwan District—Burdwan

Crop—Aus Paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	0·34	—	—	0·18	0·27	0·52
Output per acre in md.	Main Produce	—	—	38·24	—	—	44·67	44·44	38·46
	By product	—	—	43·74	—	—	55·55	55·55	50·00
Value (including by product) in Rs.		—	—	208·06	—	—	128·52	191·94	321·40
Family labour	M. D.	—	—	—	—	—	0·50	—	4·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	—	—	19·50	—	—	11·00	15·00	21·50
	W. D.	—	—	—	—	—	—	3·00	2·00
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	—	12·00	—	—	5·00	10·00	13·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	—	—	—	—	—	5·55	—	15·38
	Hired	—	—	103·68	—	—	107·55	121·48	83·75
Bullock labour		—	—	134·12	—	—	74·72	116·30	82·25
Implement		—	—	7·00	—	—	6·30	4·47	4·03
Irrigation rates		—	—	—	—	—	—	—	2·00
Rent		—	—	2·09	—	—	2·95	5·82	1·78
Rent in kind		—	—	110·29	—	—	—	—	90·12
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		—	—	50·58	—	—	83·11	132·67	41·92
Seeds		—	—	6·62	—	—	8·89	4·44	5·77
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	—	5·35	—	—	10·17	—	—
Management		—	—	42·84	—	—	49·98	49·76	43·27
Total		—	—	462·57	—	—	349·22	434·94	370·27
Value of by product per acre		—	—	65·59	—	—	83·33	83·33	75·00
Cost per maund		—	—	**10·38**	—	—	**5·95**	**7·91**	**7·68**

Vill—Chaknara Block—Memari-I P.S.—Memari District—Burdwan

Crop—Aus paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·96	0·26	1·40	1·23	0·89	0·50	1·08	1·06
Output per acre in md.	Main Produce	32·65	30·19	31·17	32·91	34·20	34·12	32·47	31·26
	By product	40·47	32·62	37·60	35·64	39·40	39·56	39·92	38·60
Value (including by product) in Rs.		488·57	120·50	678·13	571·30	470·54	263·90	546·19	491·17
Family labour	M. D.	23·50	9·75	17·00	12·50	31·75	6·00	15·00	0·50
	W. D.	—	—	—	—	—	1·00	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	21·00	9·50	37·00	44·50	25·00	18·25	33·25	58·75
	W. D.	—	—	—	4·00	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		21·00	10·00	28·00	39·00	26·50	11·00	22·00	22·50
EXPENDITURE PER ACRE IN RUPEES									
Human Labour	Family	40·07	62·58	19·99	17·53	59·49	23·58	22·12	0 90
	Hired	38·02	63·46	43 69	60·97	47·81	61·44	46·47	90·09
Bullock labour		84·66	46·15	49·67	88·15	72·75	67·10	73·13	62·61
Implement		17·18	5·27	6·27	4·79	6·66	6·69	2·90	4·74
Irrigation rates		2·67	4·68	3·44	3·91	5·63	3·82	3·70	6·03
Rent		1·15	6·41	3·28	3·70	6·35	3·74	4·20	5·62
Rent in kind		127·93	—	250·29	—	122·17	—	—	—
Miscellaneous		1·11	—	0·20	0·38	0·42	0·38	—	—
Interest on capital		41·34	101·20	58·48	85·23	95·28	92·58	70·61	103·74
Seeds		5·89	7·31	6·06	6·18	4·27	5·32	3·52	5·09
Market charges		—	—	—	—	—	—	—	—
Fertilisers		41·17	21·77	28·36	16·85	18·07	45·50	29·65	40·17
Management		35·62	32·44	33·91	32·51	37·01	36·95	35·40	32·44
	Total	436·81	351·27	503·64	320·20	475·91	347·10	291·70	351·43
	Value of by product per acre	60·70	48·92	56·40	53·46	59·10	59·34	59·89	57·91
Cost per maund		**11·52**	**10 01**	**14 35**	**8·10**	**12·19**	**8·43**	**7·14**	**9·39**

Vill—Mnadalhat Block—Katwa-I P.S.—Katwa District—Burdwan

Crop—Aus paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	1·20	0·28	—	0·94	0·85	0·26	0·33
Output per acre in md.	Main Produce	—	22·95	18·64	—	25·00	10·25	15·46	(a) 4·55
	By product	—	24·72	29·68	—	32·21	15·03	21·12	6·48
Value (including by product) in Rs.		—	431·98	85·91	—	406·64	141·72	64·79	24·31
Family labour	M. D.	—	44·25	10·25	—	22·50	25·75	1·25	1·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	—	49·50	19·00	—	57·00	32·00	5·25	3·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	23·00	8·00	—	10·00	17·00	4·50	4·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	—	78·47	75·86	—	48·37	61·73	11·42	9·09
	Hired	—	77·71	133·93	—	107·71	70·00	46·15	19·69
Bullock labour		—	47·92	71·43	—	38·91	(b) 20·00	56·77	(b) 12·12
Implement		—	11·74	7·19	—	7·48	2·37	10·06	5·36
Irrigation rates		—	—	—	—	—	—	—	—
Rent		—	3·22	0·69	—	2·82	1·21	0·82	3·67
Rent in kind		—	—	89·96	—	25·43	—	—	—
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		—	91·82	54·46	—	67·20	32·72	81·47	120·15
Seeds		—	20·42	32·14	—	15·43	14·71	17·31	15·15
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	9·75	—	—	9·79	25·08	10·38	—
Management		—	25·20	21·48	—	30·28	11·67	17·44	5·16
Total		—	360·25	487·14	—	353·42	239·49	251·82	190·39
Value of by product per acre		—	37·07	44·50	—	51·39	22·55	31·65	9·73
Cost per maund		—	**14·34**	**23·75**	—	**12·08**	**21·16**	**14·24**	**39·70**

(a) Crop was suffered heavily from drought

(b) Entirely hired bullocks were used at a much lesser cost.

Vill—Abinashpur Block—Suri-II P.S.—Suri District—Birbhum

Crop—Aus paddy Year—1964-65 Treatment—Advice & Investment

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·25	0·79	0·06	0·51	0·06	0·25	1·14	0·65
Output per acre in md.	Main Produce	38·20	32·18	27·00	26·90	33·33	30·20	20·93	30·00
	By product	45·20	34·09	33·67	30·59	37·50	34·40	28·07	36·92
Value (including by product) in Rs.		150·59	393·74	25·52	214·08	31·17	117·90	380·46	304·91
Family labour	M. D.	5·25	16·25	1·00	—	0·50	1·00	—	0·25
	W. D.	—	—	0 50	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	4·75	13 00	0·50	21·50	1·50	10·75	32·00	24·00
	W. D.	—	—	—	1·00	—	—	6·00	1·75
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		3·00	9 00	1·50	9·50	2·00	6·00	15·50	10 00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	32·36	32·89	37·33	—	14·00	6·36	—	0·57
	Hired	59·40	21·89	12·50	87·42	25·00	98·28	90 65	71·35
Bullock labour		39·48	25·52	51·50	44·14	59·00	56·16	36·57	40·48
Implement		3·72	8·67	0·92	0·58	0·36	1·53	5·66	3·37
Irrigation rates		7·39	8 31	2·86	3·63	2·21	4·15	10·05	5·17
Rent		2·88	2·62	0 69	5·24	0·56	1·00	3·04	1·72
Rent in kind		—	63·68	—	—	—	—	—	117·69
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		134·18	100 34	42·18	56·31	35·27	63·47	144·38	78·55
Seeds		7·00	5·32	7·50	11·67*	8·33	7·00	5·88	6·54
Market charges		—	—	—	—	—	—	—	18·54
Fertilisers		8·48	17·80	12·50	30·78	20·84	34·80	16·80	7·38
Management		42·16	34 89	29·77	29·38	36·36	33·01	23·36	32·84
	Total	337·05	321·93	197·75	269·15	201·93	305·76	336·39	384·20
	Value of by product per acre	67·76	51·14	50·33	45·88	56·17	51·60	42·10	55·38
Cost per maund		**7·05**	**8·41**	**5·46**	**8 30**	**4·37**	**8·42**	**14·06**	**10·96**

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* Previously the farmer wanted to put more area under the crop and purchased seeds accordingly. Later he changed his mind and used the entire amount of seeds. Hence the seed rate was very high.

Vill—Nanoor Block—Nanoor M P.S.—Nanoor District—Birbhum

Crop—Aus paddy Year—1964-65 Treatment—Advice & Investment

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·97	0·45	1·28	1·05	1·86	2·03	1·65	1·37
Output per acre in md.	Main Produce	25·26	31·11	28·22	24·05	24·73	26·66	25·45	29·28
	By product	26·80	35·56	30·47	25·71	26·88	28·57	27·27	32·12
Value (including by product) in Rs.		374·82	212·20	547·83	374·04	693·97	813·74	625·28	601·40
Family labour	M. D.	29·00	—	14·75	17·50	55·75	37·75	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	15·25	19·75	32·75	25·75	11·50	65·25	71·75	52·00
	W. D.	—	—	0·50	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		22·00	9·50	21·00	21·50	32·00	48·00	42·50	16·00

EXPENDITURE PER ACRE IN RUPEES

		I	II	III	IV	V	VI	VII	VIII
Human Labour	Family	68·87	—	26·82	34·42	65·48	41·54	—	—
	Hired	33·50	97·91	56 60	52·74	16·67	65·39	138·56	114·62
Bullock labour		92·99	93·93	51·35	70·03	59·35	67·96	76·28	35·04
Implement		6·16	9·64	7·67	5·91	4·30	5·69	4·51	5·52
Irrigation rates		4·57	6·96	7·05	8·55	8·09	7·14	9·95	10·17
Rent		1·46	3·26	2·75	4·51	4·85	4·53	4·00	3·11
Rent in kind		144·89	—	42·49	—	—	—	—	—
Miscellaneous		0·59	—	—	—	0·31	—	0·60	—
Interest on capital		54·27	91·18	85·71	104·53	96·98	111·44	110·62	124·82
Seeds		8·44	7·47	8·34	4·00	6·45	6·96	4·96	6·13
Market charges		—	—	—	—	—	—	—	—
Fertilisers		33·69	60·04	50·30	39·31	45·06	40·69	40·68	28·12
Management		27·05	33·01	29·96	24·94	26·12	28·06	26·53	30·73
Total		476·48	403·40	369·04	348·94	333·66	379·40	416·69	358·26
Value of by product per acre		41·81	55·47	47·53	40·11	41·94	44·57	37·45	50·10
Cost per maund		**17·21**	**11·18**	**11·39**	**12·84**	**11·80**	**12·56**	**14·90**	**10·52**

Vill—Kalikapur Block—Mayureswar P.S.—Mayureswar-II District—Birbhum

Crop—Aus paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·93	1·13	0·88	1·04	1·17	1·91	1·85	3·11
Output per acre in md.	Main Produce	16·13	21·06	16·36	24·87	17·19	16·49	17·89	12·62
	By product	23·12	30·97	21·31	33·82	26·07	19·37	21·62	14·95
Value (including by product) in Rs.		242·25	383·39	229·79	414·79	327·26	496·50	508·35	619·25
Family labour	M. D.	43·00	20·75	13·50	19·50	32·50	—	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	4·50	33·50	25·50	32·50	47·00	78·00	121·25*	117·00
	W.D.	—	2·00	5·25	—	—	5·50	4·75	8·25
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		12·50	15·00	12·00	16·00	22·50	24·50	43·00	44·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	75·42	30·80	25·51	31·51	44·82	—	—	—
	Hired	8·87	101·94	54·25	93·85	80·80	135·08	175·72	79·31
Bullock labour		52·69	51·24	54·31	44·15	59·62	44·51	69·73	41·21
Implement		14·61	9·91	11·02	13·57	13·60	10·42	13·40	6·48
Irrigation rates		—	—	—	—	—	1·41	4·12	2·96
Rent		4·80	3·70	6·27	3·71	4·09	6·17	4·84	4·99
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		4·01	5·80	2·19	0·12	7·19	8·72	3·21	2·66
Interest on capital		128·41	93·28	135·14	87·39	105·80	131·05	126·72	127·20
Seeds		6·14	5·07	5·20	7·21	7·05	7·07	10·34	7·48
Market charges		—	—	—	—	—	—	—	—
Fertilisers		23·16	14·73	25·25	23·64	31·36	28·91	25·70	20·67
Management		18·23	23·75	18·28	27·92	19·58	18·20	19·23	13·94
	Total	336·34	340·22	337·42	333·07	373·91	391·54	453·01	306·90
	Value of by product per acre	34·68	46·46	31·95	50·72	39·10	29·06	32·43	22·43
Cost per maund		**18·70**	**13·95**	**18·67**	**11·35**	**19·48**	**21·98**	**23·51**	**22·54**

* Fertiliser cost was less due to high residual effect of manures obtained in most of Aus plots on which Potato was grown in previous year.

Vill—Anarbaria Block—Habra-I P.S.—Habra District—24-Paraganas

Crop—Aus paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		1·28	1·88	0·66	1·38	0·84	1·64	0·52	0·63
Output per acre in md.	Main Produce	25·65	25·77	28·65	21·74	15·14	20·08	23·56	23·73
	By product	35·48	27·79	25·76	24·67	12·38	23·07	26·19	32·54
Value (including by product) in Rs.		768·78	1064·28	393·87	668·50	258·92	727·30	254·66	307·86
Family labour	M. D.	40·50	70·75	20·75	78·75	19·00	16·50	17·25	12·00
	W. D.	1·00	—	0·50	—	0·50	—	1·50	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	39·50	88·00	26·00	17·00	29·50	134·50	17·75	37·00
	W. D.	—	1·00	—	—	—	—	—	—
	C. D.	—	11·00	2·00	—	—	—	—	—
Bullock labour days (owned and hired)		34·00	48·00	21·50	41·50	30·50	49·50	31·00	18·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	61·36	72·65	60·69	108·86	46·09	18·96	70·06	39·92
	Hired	60·46	97·88	82·47	27·15	68·08	160·55	60·44	103·48
Bullock labour		55·23	56·38	90·51	58·88	78·78	55·26	127·85	19·03
Implement		2·12	2·55	0·77	2·20	0·58	2·42	5·64	2·03
Irrigation rates		0·94	—	—	3·33	—	1·40	—	—
Rent		3·84	3·48	4 63	3·83	4·36	3·66	3·41	2·53
Rent in kind		—	19·15	—	—	—	—	—	—
Miscellaneous		17·02	3·88	8·53	5·77	6·83	7·42	5·96	3·87
Interest on capital		69·20	56·72	74·87	59·68	60·86	66·07	54·83	44·78
Seeds		18·31	23·09	24·51	16·43	22·74	16·36	14·54	16·67
Market charges		—	—	—	—	—	—	—	—
Fertilisers		57·40	44·71	43·70	46·61	44·50	53·73	37·92	55·90
Management		42·04	39·63	41·77	33·91	21·58	31·04	34·28	34·21
	Total	387·92	420·12	432·45	366·65	354·40	416·87	414·93	322·42
	Value of by product per acre	131·25	98·94	63·67	62·54	36·15	80·49	69·23	65·08
Cost per maund		**10·01**	**12·46**	**12·77**	**13 99**	**21·02**	**16·75**	**14·67**	**10·84**

Vill—Mandalpara Block—Habra P.S.—Habra District—24-Parganas

Crop—Aus paddy Year—1964-65 Treatment—Advice & Investment

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·94	1·38	0·39	0·40	0·36	0·33	1·58	1·16
Output per acre in md.	Main Produce	19·52	23·21	23·28	22·70	23·86	17·57	22·05	20·71
	By product	28·89	31·72	36·03	32·40	38·28	32·09	41·40	38·96
Value (including by product) in Rs.		439·51	726·84	207·44	205·44	197·22	135·58	817·06	563·99
Family labour	M. D.	57·75	81·75	5·75	12·75	14·00	7·25	18·75	77·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	2·00	—	—	18·25	—
Hired labour	M. D.	28·00	48·00	13·50	8·00	15·00	10·50	43·00	19·00
	W.D.	3·00	—	—	—	—	—	—	—
	C. D.	—	4·00	—	2·00	—	—	4·50	—
Bullock labour days (owned and hired)		46·00	31·00	7·00	9·00	14·50	13 00	36·75	41·00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	120·65	112·55	31·41	72·37	70·75	44 54	32 22	119·59
	Hired	67·44	76·51	72·49	45·30	91·89	65·91	49·30	26·61
Bullock labour		97·76	58·24	70·90	43·12	106·75	142·82	59·15	71·66
Implement		1·37	1 51	1·55	1·36	2·00	4·65	1·26	3·23
Irrigation rates		4 26	—	8·21	10·00	—	—	10·06	1·72
Rent		3·43	2 42	4·79	2·80	4·45	3·61	2·70	4·06
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		9·38	8·14	0·88	4·80	6·97	12·88	3·80	0·25
Interest on capital		114·84	106·45	117·47	93·96	103·36	108·79	82·68	67·58
Seeds		(a) 10·72	(a) 13·01	(b) 19·38	(a) 13·10	(c) 26·61	(b) 16·54	(d) 12·49	(a) 8·98
Market charges		—	—	—	—	—	—	—	—
Fertilisers		22·55	20·78	25·13	(e) 12 50	(f) 65 97	22·73	32·56	27·28
Management		32·73	36·87	37·23	35·95	38·33	28·76	36·20	34·03
	Total	485·13	436·48	389·44	335·26	517·08	451·23	322·42	364·99
	Value of by product per acre	55·65	58·70	66·66	60·00	70·83	59·85	76·58	72·20
Cost per maund		**22·00**	**16·28**	**13·86**	**12 12**	**18·70**	**22·28**	**11·15**	**14 14**

Note : Human labour for farm No. I was high, because one fifth of the area was previously covered by ratoon Sugarcane and some operation was performed for uproting the sugarcane stubbles. Human labour cost for farm No. II was high due to heavy weeding. Human labour cost for farm no. III was low due to reduced weeding cost.

(a) transplanting (b) broadcasting (c) broadcasting and resowing (d) broadcasting & transplanting Farms No. IV, V & VIII used home grown seeds partly. (e) Fertiliser cost was low due to use of basal dose. (f) fertiliser cost was high due to heavy cost of cowdung

Vill—Baincha Block—Santipur P.S.—Santipur District—Nadia

Crop—Aus paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·82	2·80	1·81	3·28	3·16	0·85	1·49	3·86
Output per acre in md.	Main Produce	26·83	26·79	14·92	21·53	18·67	6·80	18·78	4·66
	By product	55·29	54·27	29·85	41·10	36·45	13·59	37·56	9·00
Value (including by product) in Rs.		387·12	1327·58	473·88	1247·45	1032·79	100·26	492·66	314·44
Family labour	M. D.	37·02	54·50	51·00	61·75	71·75	38·75	62·50	55·75
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	15·00	124·00	42·00	166·00	99·00	18·00	85·00	20·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		41·79	96·00	77·00	132·00	93·00	65·00	87·00	115·00
EXPENDITURE PER ACRE IN RUPEES									
Human Labour	Family	67·04	28·14	40·90	27·36	33·20	65·06	61·44	20·76
	Hired	27·86	69·26	37·54	83·78	45·16	29·69	96·16	7·92
Bullock labour		81·82	31·94	55·36	42·31	29·83	132·98	74·46	54·72
Implement		8·06	4·99	6·21	2·55	7·07	7·23	6·92	3·36
Irrigation rates		4·14	8·13	—	11·43	5·56	—	13·65	—
Rent		1·62	1·66	2·22	2·01	0·98	1·85	1·19	1·64
Rent in kind		—	31·07	73·67	21·49	108·09	24·47	—	—
Miscellaneous		1·52	0·61	1·90	2·23	—	2·78	4·72	—
Interest on capital		26·44	27·12	33·40	25·14	14·39	30·98	25·90	31·58
Seeds		15·61	15·98	15·38	15·60	15·55	40·64	16 67	14·88
Market charges		—	—	—	—	—	—	—	—
Fertilisers		24·12	23·00	7·12	36·74	21·89	22·19	67·70	6·05
Management		33·05	33·19	18·33	26·62	22·88	8·26	23·14	5·70
	Total	291·28	275·09	292·03	297·26	304·60	366·13	391·95	146·61
	Value of by product per acre	51·58	54·28	27·91	42·91	34·16	11·47	36·36	8·34
Cost per maund		**8·93**	**8·24**	**17·70**	**11·81**	**14·48**	**52·16**	**18·93**	**29·67** *

* The cultivator no. VIII did not take care for his crop. So the yield was very low and cost per md. of the crop was abnormally high.

Vill—Paschim Bhatjungla Block—Krishnanagar-I P.S.—Kotwali District—Nadia

Crop—Aus paddy Year—1964-65 Treatment—Investment & Advice

No. of holding			I	II	III	IV	V	VI	VII	VIII
Area under crop in acres			3·15	3·76	3·66	5·14[(a)]	2·20	3·50	5·85	6·46
Output per acre in md.	Main Produce		22·63	21·40	21·66	18·19	22·56	25·57	23·74.	22·31
	By product	Straw	35·56	32·80	32·88	27 58	33·96	38 86	45·47	34·30
		Arhar	—	1 18	—	—	—	1·73	—	—
		Arhar Stick	—	4 70	—	—	—	6·92	—	—
Value (including by product) in Rs.			1448·45	1750·47	1598·43	1884·56	999·38	1979·18	2834·25	2912·41
Family labour	M. D.		39·25	108·25	86·50	87·00	75·50	16·50	26·75	47·00
	W. D.		—	—	—	—	—	—	—	—
	C. D.		—	—	—	—	—	—	—	—
Hired labour	M .D.		114·50	66·00	145·00	96·00	93·00	258·00	373·00	396·50
	W. D.		—	—	—	—	—	—	—	—
	C. D.		—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)			88·50	98·50	149·00	168·00	94·50	162·00	287·00	323·00
			EXPENDITURE PER ACRE IN RUPEES							
Human Labour	Family		21·81	50·81	66·05	29·77	60·45	8·22	8·13	12·89
	Hired		59·76	29·45	70 70	31·66	77·50	113·78	107·29	104·57
Bullock labour			46·62	41·63	45·12	33·25	77·99	46·84	62·90	59·49
Implement			5·56	5·12	19·43[(b)]	4·46	6·16	8·00	4·10	3·10
Irrigation rates			6·02	6·63	—	—	—	7·53	—	4·47
Rent			0·18	1·83	1·26	0·78	2·28	2·81	1·05	1·68
Rent in kind			37·16	6·23	14·52	38·37	—	—	23·44	15·81
Miscellaneous			3·80	6·15	6·06	3·37	2·90	4·66	5·44	6·42
Interest on capital			9·43	33·15	29·39	20·28	39·09	46·90	32·90	28·06
Seeds			12·08	12·92	14·75	14·59	14·90	15·69	15·10	14·15
Market charges			—	—	—	—	—	—	—	—
Fertilisers			27·25	27·29	30·17	34·71	25·72	33·01	31·71	28·52
Management			32·19	32·59	30·57	25·66	31·80	39·58	33·91	31·56
Total			261·86	253·80	328·02	236·90	338·79	327·02	325·97	310·72
Value of by product per acre			79·62	106·71	73·61	61·75	76·04	136·72	86·49	76·79
Cost per maund			**8·05**	**6·87**	**11·74**	**9·63**	**11·65**	**7·44**	**10·09**	**10·48**

(a) Part of the area was not properly cultivated.

(b) High cost was due to repair of bullock cart.

Vill—Assannagore Block—Krishnanagar-I P.S.—Kotwali District—Nadia

Crop—Aus paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·23	0·90	1·78	1·80	2·02	1·57	2·34	1·75
Output per acre in md.	Main Produce	33·65	18·34	20·60	32·98	19·24	16·22	25·62	28·88
	By product	56·52	30·52	31·99	59·86	33·63	26·20	41·69	42·50
Value (including by product) in Rs.		137·45	292·54	642·09	1068·62	694·71	448·87	985·43	822·00
Family labour	M. D.	8·50	11·00	44·75	50·75	51·50	54·25	66·75	30·00
	W. D.	—	2·75	—	—	6·50	3·50	—	—
	C. D.	—	—	—	1·50	—	—	—	1·50
Hired labour	M. D.	9·75	24·50	23 00	79 00	50·50	52·00	51·00	67·75
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	1 00	—	—	2·00	—	—	—
Bullock labour days (owned and hired)		10·00	32·50	44·50	78·50	96·00	72·50	87·00	82·00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	73 48	25·78	48·33	57·19	53·87	68·87	54·20	33·00
	Hired	84 78	48·72	20·06	95·69	59·88	80·25	47·64	82·13
Bullock labour		76·04	56·71	30·17	57·19	51·40	86·39	77·78	61·90
Implement		6·39	4·34	3·18	2·79	3·68	4·83	4·06	4·04
Irrigation rates		—	—	—	—	—	—	—	—
Rent		2·19	0·04	1·88	1·16	24·8	2·52	2·45	2·29
Rent in kind		—	119 46	28·77	18·84	23 10	38·63	—	—
Miscellaneous		—	—	3·42	6·46	0·61	1·49	7·44	4·62
Interest on capital		58·76	7·18	46·27	31·16	43·77	45·34	49·62	63·74
Seeds		26·09	21·76	17·58	21·94	24·75	20·38	18·16	22·57
Market charges		—	—	—	—	—	—	—	—
Fertilisers		132·70	39·28	7·97	24·18	22·25	50·18	60·49	123·69
Management		41·83	22·75	25·25	41·56	24·07	20·01	29·48	32·88
	Total	502·26	346·02	232·88	358·16	309·86	418·89	351·32	430·86
	Value of by product per acre	105·43	56 94	59·69	111·67	62·75	48·88	46·67	47·57
Cost per maund		**11·79**	**15·76**	**8 41**	**7 47**	**12·84**	**22·81**	**11·89**	**13·27**

Vill—Joteram Block—Burdwan Sadar P.S.—Burdwan District—Burdwan

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		1·59	3·83	4·88	5·41	0·99	6·94	6·29	7·42
Output per acre in md.	Main Produce	35·13	42·73	43·16	43·95	43·30	41·32	41·91	42·24
	By product	48·87	58·19	59·98	59·06	56·83	56·59	57·59	63·44
Value (including by product) in Rs.		1053·88	3080·67	3825·65	4468·53	803·75	5260·72	4966·43	5905·79
Family labour	M. D.	53·25	16·00	12·50	27·75	—	2·00	—	43·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	20·00	141·50	217·00	224·00	46·25	273·50	255·50	225·50
	W.D.	2·00	14·00	5·00	21·00	5·00	35·00	36·00	49·00
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		54·00	101·00	81·00	120·00	22·00	162·00	128·00	168·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	66·98	8·35	5·12	10·26	—	0·58	—	11·59
	Hired	27·68	80·94	84·63	86·38	103·53	81·03	89·01	70·39
Bullock labour		183·06	65·93	57·34	62·54	22·22	56·95	57·77	73·87
Implement		5·73	2·39	7·00	10·53	—	6·30	4·47	4·03
Irrigation rates		5·32	8·40	1·92	7·06	6·81	4·99	5·65	2·00
Rent		5·00	6·94	2·09	3·02	7·33	2·95	5·82	1·78
Rent in kind		—	—	308·61	92·54	—	138·86	38·96	334·49
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		99·62	107·18	50·58	112·65	148·39	83·11	132·67	41·92
Seeds		4·95	5·58	3·23	5·82	8·59	6·92	6·36	4·55
Market charges		—	—	—	—	—	—	—	—
Fertilisers		38·38	34·66	33·96	33·87	43·45	34·46	33·28	27·86
Management		46·40	56·30	54·88	57·82	56·83	53·06	55·27	55·71
Total		483·12	376·67	609·36	482·49	397·15	469·21	429·26	628·19
Value of by product per acre		73·30	87·28	89·96	88·59	85·24	91·88	86·39	87·07
Cost per maund		**11·66**	**6·77**	**12·03**	**8·96**	**7·20**	**9·13**	**8·18**	**12·81**

Vill—Chaknara Block—Memari-I P.S.—Memari District—Burdwan

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding			I	II	III	IV	V	VI	VII	VIII
Area under crop in acres			4·38	1·43	5·81	3·16	2·28	3·77	9·39	7·90
Output per acre in md.	Main Produce		40·32	32·11	39·54	39·83	39·76	41·62	42·28	30·47
	By product	Straw	56·65	48·37	55·77	54·55	52·01	53·29	55·16	50·45
		Khesari	—	—	—	1·59	—	—	—	—
Value (including by product) in Rs.			3441·99	908·20	4480·95	2627·53	1916·99	3002·87	7624·04	4862·70
Family labour	M. D.		75·00	36·75	47·00	28·00	54·50	20·00	125·75	5·50
	W. D.		—	—	—	—	—	0·50	—	—
	C. D.		—	—	—	—	—	—	—	—
Hired labour	M. D.		134·50	38·50	191·00	133·00	70·25	155·25	301·75	343·50
	W. D.		—	—	—	—	—	—	—	36·00
	C. D.		—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)			76·50	31·00	107·00	75·00	67·00	77·00	184·00	179·50
EXPENDITURE PER ACRE IN RUPEES										
Human labour	Family		32·49	50·24	15·65	16·78	45·70	10·28	24·72	1·26
	Hired		60·99	56·31	57·91	77·77	54·29	74·32	56·08	87·08
Bullock labour			63·67	35·66	47·55	63·73	79·34	62·29	70·35	67·03
Implement			17·18	5·27	6·27	4·79	6·66	6·69	2·90	4·74
Irrigation rates			2·67	4·68	3·44	3·91	5·63	3·82	3·70	6·03
Rent			1·15	6·41	3·28	3·70	6·35	3·74	4·20	5·62
Rent in kind			330·23	—	188·12	93·61	—	36·46	186·89	—
Miscellaneous			1·11	—	0·20	0·38	0·42	0·38	—	—
Interest on capital			41·34	101·20	58·48	85·23	95·28	92·58	70·61	103·74
Seeds			5·10	5·59	4·10	9·60	7·89	4·67	5·19	5·90
Market charges			—	—	—	—	—	—	—	—
Fertilisers			25·35	45·89	46·01	29·90	60·49	60·11	28·83	40·04
Management			55·01	44·46	53·99	58·20	58·85	55·76	56·84	43·09
Total			636·29	355·71	485·00	447·60	420·90	411·10	510·31	364·53
Value of by product per acre			160·89	137·37	158·40	178·65	147·71	151·35	156·66	143·27
Cost per maund			**11·79**	**6·80**	**8·26**	**6·75**	**6·87**	**6·24**	**8·36**	**7·26**

Vill—Mandalhat Block—Katwa-I P.S.—Katwa District—Burdwan

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding			I	II	III	IV	V	VI	VII	VIII
Area under crop in acres			9·42	4·35	5·18	5·66	3·42	3·33	2·33	0·64
Output per acre in md.	Main Produce		28·96	30·73	31·03	25·62	26·80	31·25	27·31	28·84
	By product	Straw	44·31	45·30	42·41	33·05	36·50	44·96	36·74	37·47
		Khesari	1·18	1·05	0·83	3·47	1·85	1·76	2·16	2·92
Value (including by product) in Rs.			5507·84	2745·65	3124·68	3106·50	1804·38	2156·02	1302·26	381·50
Family labour	M. D.		194·25	151·50	85·25	10·50	100·50	96·75	39·50	9·75
	W. D.		—	—	—	—	—	—	—	—
	C. D.		—	—	—	—	—	—	—	—
Hired labour	M. D.		412·50	157·00	307·00	320·50	103·00	93·00	163·00	30·00
	W. D.		—	4·00	—	—	—	—	—	—
	C. D.		—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)			138·00	103·00	114·00	133·00	60·50	54·50	65·00	12·00
			EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family		45·04	80·18	35·72	4·18	66·37	66·03	41·02	32·42
	Hired		96·96	86·84	114·00	134·25	70·80	65·64	165·77	109·37
Bullock labour			43·51	58·51	50·77	67·70	65·41	*15·86	89·54	*18·75
Implement			7·66	11·74	7·19	7·38	7·48	2·37	10·06	5·36
Irrigation rates			—	—	—	—	—	—	—	—
Rent			3·19	3·22	0·69	3·21	2·82	1·21	0·82	3·67
Rent in kind			108·63	186·28	244·46	104·67	33·74	245·08	48·80	—
Miscellaneous			9·53	2·46	2·25	4·58	3·82	5·08	1·32	3·11
Interest on capital			96·29	91·82	54·46	103·93	67·20	32·72	81·47	120·15
Seeds			18·44	11·49	16·26	21·97	40·54	11·48	16·76	18·25
Market charges			—	—	—	—	—	—	—	—
Fertilisers			46·36	40·01	34·88	22·84	33·48	34·66	36·47	33·91
Management			40·93	44·18	42·22	38·42	37·93	44·13	39·12	41·73
Total			516·54	616·73	602·90	513·13	429·59	524·26	531·15	386·72
Value of by product per acre			135·48	154·51	121·90	151·51	126·16	145·70	135·35	148·73
Cost per maund			**13·16**	**15·04**	**15·50**	**14·11**	**11·32**	**12·11**	**14·49**	**8·25**

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* Bullock labour cost was low because the farmers used entirely hired bullocks.

Vill—Rangapara Block—Kalna-I P.S.—Kalna District—Burdwan

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		7·89	3·79	2·71	3·37	3·17	2·24	6·14	2·68
Output per acre in md.	Main Produce	32·26	30·66	27·00	24·55	31·96	24·22	27·02	26·44
	By product	37·59	36·35	39·44	32·17	41·20	33·93	35·34	28·96
Value (including by product) in Rs.		4694·60	2113·33	1360·64	1527·15	1857·76	904·10	3047·92	1276·62
Family labour	M. D.	68·75	70·50	116·00	37·25	57·50	59·00	210·25	55·75
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	388·25	124·25	33·25	156·00	106·75	30·00	130·50	70·75
	W.D.	128·00	44·00	12·50	59·00	41·00	45·00	39·00	29·00
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		145·50	70·50	47·00	62·00	51·50	35·00	115·50	54·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	15·18	33·44	74·82	18·62	32·84	47·35	59·86	35·99
	Hired	139·20	98·58	33·89	134·41	96·96	72·24	59·66	78·72
Bullock labour		46·06	51·10	38·79	49·86	43·38	51·72	40·71	29·59
Implement		2·61	3·20	4·83	4·22	2·91	10·52	5·41	5·40
Irrigation rates		—	—	—	—	—	—	—	—
Rent		5·02	3·95	2·69	2·26	3·35	3·50	2·17	2·30
Rent in kind		—	1·99	72·89	57·80	—	—	79·99	82·18
Miscellaneous		2·49	4·37	3·32	2·14	1·70	5·68	4·23	2·28
Interest on capital		88·39	72·15	32·48	57·08	67·36	72·53	40·45	39·32
Seeds		4·83	6·43	7·17	9·00	6·82	12·27	7·12	8·58
Market charges		—	—	—	—	—	—	—	—
Fertilisers		35·07	47·28	30·31	31·57	47·00	45·85	42·78	29·14
Management		41·65	39·03	35·14	31·72	41·02	28·25	34·75	33·34
	Total	380·50	361·52	336·33	398·68	343·34	349·91	377·13	346·84
	Value of by product per acre	56·11	54·25	58·86	47·98	61·50	50·64	52·75	43·15
Cost per maund		**10·06**	**10·02**	**10·28**	**14·28**	**8·82**	**12·36**	**12·00**	**11·49**

Vill—Goswamimalipara Block—Polba P.S.—Polba District—Hooghly
Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		9·02	8·73	7·05	5·16	4·82	6·82	3·61	3·74
Output per acre in md.	Main Produce	33·63	30·38	26·51	27·90	23·76	26·76	29·02	30·38
	By product	43·96	41·75	36·48	39·47	37·80	37·33	49·73	42·99
Value (including by product) in Rs.		6354·58	5801·22	3467·36	3186·60	2534·55	3544·35	2064·36	2135·43
Family labour	M. D.	32·50	62·25	110·25	20·75	99·00	44·75	98·50	165·75
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	4·50	—	—	7·75	—	23·00	0·75
Hired labour	M. D.	293·00	256·00	212·75	198·25	98·00	197·50	34·00	48·00
	W. D.	211·00	208·00	125·00	86·00	84·00	150·00	74·00	109·00
	C. D.	—	—	—	—	—	0·75	—	—
Bullock labour days (owned and hired)		216·00	226·50	192·50	124·50	131·50	165·00	99·00	102·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	6·85	13·61	28·85	7·48	38·96	11·90	56·61	30·71
	Hired	101·09	92·95	80·75	94·33	64·81	91·89	56·34	83·63
Bullock labour		65·71	65·76	52·39	91·93	68·48	68·38	84·19	78·74
Implement		3·65	1·54	3·04	6·35	2·37	1·10	12·37	4·09
Irrigation rates		—	—	—	3·61	6·43	4·20	—	2·57
Rent		7·28	6·62	7·46	8·30	8·67	5·86	6·50	5·63
Rent in kind		—	—	—	—	—	125·39	—	86·62
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		119·37	119·59	118·35	108·70	111·78	68·51	109·73	59·33
Seeds		3·74	5·89	4·77	5·35	4·56	6·20	4·43	6·71
Market charges		—	—	—	—	—	—	—	—
Fertilisers		37·06	23·62	37·55	22·98	26·15	25·96	39·30	31·93
Management		49·31	46·52	34·43	43·23	36·81	36·38	40·03	39·97
Total		394·06	376·10	367·59	392·26	369·02	445·77	409·50	429·93
Value of by product per acre		83·01	74·46	65·09	70·40	67·44	66·58	88·71	76·68
Cost per maund		**9·25**	**9·98**	**11·41**	**11·54**	**12·69**	**14·17**	**11·05**	**11·63**

Vill—Basudebpur Block—Haripal P.S.—Haripal District—Hooghly

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		9·14	6·81	5·00	3·47	2·62	4·52	1·46	0·60
Output per acre in md.	Main Produce	40·34	34·64	32·38	24·00	39·12	29·14	28·41	15·83
	By product	64·55	54·33	48·00	44·09	61·83	44·25	43·84	25·00
Value (including by product) in Rs.		7295·35	4655·43	3175·01	1677·04	2024·88	2589·75	817·11	187·65
Family labour	M. D.	48·25	71·25	111·00	64·25	60·00	68·00	42·75	10·00
	W. D.	2·00	—	—	—	7·25	4·75	1·00	3·00
	C. D.	—	—	0·50	—	1·00	—	1·00	–
Hired labour	M. D.	251·00	172·50	75·00	40·00	14·00	36·50	27·00	3·50
	W.D.	272·50	197·50	167·50	106·50	80·00	124·50	7·00	9·00
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		200·50	126·00	133·50	94·50	37·50	90·75	43·00	12·00

EXPENDITURE PER ACRE IN RUPEES

Human labour	Family	10·54	18·09	42·54	35·65	49·52	30·81	57·55	42·75
	Hired	104·71	102·66	92·42	82·88	72·53	73·72	50·93	40·22
Bullock labour		59·21	71·47	87·47	73·84	68·27	63·53	116·04	253·20
Implement		7·09	7·22	5·72	7·58	5·55	7·67	7·72	14·69
Irrigation rates		4·66	3·59	3·19	3·91	4·50	1·70	4·16	—
Rent		4·86	4·21	3·74	5·34	7·44	2·06	5·22	5·13
Rent in kind		22·24	54·00	155·89	—	—	197·79	—	—
Miscellaneous		4·94	11·10	1·80	1·01	—	1·06	—	—
Interest on capital		76·95	67·44	66·08	84·62	85·33	38·39	91·53	58·56
Seeds		8·18	9·43	7·45	10·45	9·73	8·46	13·76	8·40
Market charges		—	—	—	—	—	—	—	—
Fertilisers		25·43	29·88	32·02	31·90	32·46	32·33	31·60	41·00
Management		55·87	47·85	44·45	33·83	54·10	40·11	39·18	21·89
	Total	384·68	426·94	542·77	371·01	389·43	497·64	417·69	485·84
	Value of by product per acre	96·18	80·95	71·52	65·70	92·13	65·93	65·32	37·25
Cost per maund		**7·15**	**9·99**	**14·55**	**12 72**	**7·60**	**14·82**	**12·40**	**28·34**

Vill—Abinashpur Block—Suri-II P.S.—Suri District—Birbhum

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		5 95	5·69	6·18	10·50	7·62	11·44	13 52	9·49
Output per acre in md.	Main Produce	33·73	31·15	28·84	28·60	26·73	29·39	28 64	25·86
	By product	43 92	41·30	44·98	41·60	36·48	44·19	38·31	31·90
Value (including by product) in Rs.		3418·41	3033·81	3100·79	5168·63	3480·22	5818·39	6633·58	4139·34
Family labour	M D.	128·75	108·75	134·00	31·00	51·25	34·00	1·00	5·00
	W. D.	—	—	63·50	—	24·75	—	—	12·00
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	124 00	83·00	44 50	309·00	188·25	277·75	392·75	289·00
	W. D.	13·50	12·00	1·00	45 00	17·00	38·00	85·50	48 00
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		169·50	105·50	143 50	260·50	153·50	239·00	294·00	242 00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	34·44	30·53	48·64	4·85	14·99	4·80	0·11	2·46
	Hired	70·91	23·87	11·32	65·32	34·64	53·48	90 81	69·78
Bullock labour		93·72	41·41	47·83	58·80	35·65	48·89	58·50	70·80
Implement		3·72	8·67	0·92	0 58	0·36	1·53	5·66	3·37
Irrigation rates		7·39	8·31	2·86	3·63	2·21	4·15	10 05	5·17
Rent		2·88	2·62	0·69	5·24	0 56	1·00	3 04	1·72
Rent in kind		—	63·68	193·13	159·31	171·63	145·36	—	117·69
Miscellaneous		0·14	0·31	0·21	0 20	0·22	0·19	0·14	0·15
Interest on capital		134·18	100·34	42·18	56·31	35·27	63·47	144 38	78·55
Seeds		6·79	6·16	5·68	6·68	5·75	5·83	5·86	7·07
Market charges		—	—	—	0 19	—	—	—	—
Fertilisers		62·30	66·45	59·35	56·56	51·29	51·51	57·71	62·82
Management		40·22	37 32	35·12	34·46	31·97	35·60	34·35	30·52
	Total	456·69	389·67	447·93	452·13	384·54	420·81	410·61	450·10
	Value of by product per acre	65·87	61·95	67·47	62·39	54·72	66·28	57·47	47·87
Cost per maund		**11·59**	**10·52**	**13·19**	**13·63**	**12 34**	**12 06**	**12·33**	**15·55**

Note : Labour cost for farm no. I was high because some of plots were at a great distance from his house. Human labour cost for farm No. II was high because 'Krishan' labour whose rate was high, was used.

Vill—Nanoor Block—Nanoor P.S.—Nanoor District—Birbhum

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		4·82	4·72	5·53	5·28	6·05	6·60	7·38	10·48
Output per acre in md.	Main Produce	26·24	29·03	28·30	27·75	25·62	25·43	25·42	27·30
	By product	30·71	34·96	36·53	33·90	32·23	31·82	30 49	32·06
Value (including by product) in Rs.		2135·61	2318·61	2673·91	2482·51	2656·15	2852·49	3172·16	4831·12
Family labour	M. D.	122·00	1·00	96·00	69·50	177·75	105·00	—	—
	W. D.	—	—	—	—	1·00	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	50·25	175·75	124·50	126·25	39·00	186·25	204·25	316·75
	W.D.	—	—	—	—	—	1·00	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		86·00	79·00	125·00	94·50	99·50	141·50	93·50	125·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	64·06	0 56	43·78	33·19	74·72	40·51	—	—
	Hired	29·41	92·69	52·99	55·05	17·93	66·23	88·28	91·12
Bullock labour		73·09	74·48	67·81	61·21	56·74	61·83	35·98	34·26
Implement		6·16	9·64	7·67	5·91	4·30	5·69	4·51	5·52
Irrigation rates		4·57	6·96	7·05	8·55	8·09	7·14	9·95	10·17
Rent		1·46	3·26	2·75	4·51	4·85	4·53	4·00	3·11
Rent in kind		144·89	56·64	42·49	—	—	—	—	—
Miscellaneous		—	—	—	0·07	0·13	0·12	0·60	—
Interest on capital		54·27	91·18	85 71	104·53	96·98	111·44	110·62	124·82
Seeds		7·03	5·52	6·53	5·33	5·17	4·12	5·18	4·37
Market charges		—	—	—	—	—	—	—	—
Fertilisers		34·90	35·47	34·40	36·21	32·52	36·94	35·24	39·70
Management		31·02	34·39	33·85	32·91	30·73	30·25	30·09	32·27
	Total	450·86	410·79	385·03	347·47	332·16	368·80	324·45	345·34
	Value of by product per acre	47·90	54·53	56·98	52·88	50·28	49·64	47·43	50·02
Cost per maund		**15·36**	**12·27**	**11·59**	**10 62**	**11·00**	**12·55**	**10·90**	**10 82**

Vill—Kalikapur Block—Mayureswar-II P.S.—Mayureswar District—Birbhum

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		2·13	4·14	3·76	3·53	4·48	6·97	6·30	8·86
Output per acre in md.	Main Produce	33·73	34·11	36·67	30·89	34·13	30·14	31·53	18·78
	By product	39·93	43·08	44·88	38·04	43·56	36·40	41·93	26·16
Value (including by product) in Rs.		1223·28	2421·00	2352·89	1865·79	2624·76	3584·40	3425·07	2893·78
Family labour	M. D.	115·75	53·00	111·00	57·50	97·50	—	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	3·75	—	—	—	—	—
Hired labour	M .D.	9·00	123·25	61·00	101·25	174·50	316·00	374·25	344·50
	W. D.	2·00	7·50	9·00	6·00	18·00	18 00	28·00	25·00
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		47·50	64·00	61·50	67·00	122·00	117·00	181·00	168·50
		EXPENDITURE PER ACRE IN RUPEES							
Human Labour	Family	93·47	22·55	52·51	28·10	37·44	—	—	—
	Hired	10·44	103·64	30·30	93·62	85·19	147·31	163·99	83·19
Bullock labour		87·42	59·67	67·55	54·47	84·42	61·94	84·45	54·77
Implement		14·61	9·91	11·02	13·57	13·60	10·42	13·40	6·48
Irrigation rates		—	1 45	1·66	1·61	—	1·41	4·12	2·96
Rent		4·80	3·70	6·27	3·71	4·09	6·17	4·84	4·99
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		4·07	5·82	2·30	0·13	7·21	8·68	1·37	2·61
Interest on capital		128·41	93·28	135·14	87·39	105·80	131·05	126·72	127·20
Seeds		9·13	6·44	7·10	7·01	8·04	4·95	8·09	5·92
Market charges		—	—	0·03	0·02	—	—	—	0·06
Fertilisers		44·83	43·86	41·87	34·48	41·94	37·38	42·34	38·01
Management		40·20	40·93	43·80	37·00	41·01	36·00	38·06	22·86
	Total	437·38	391·25	399·55	361·11	428·74	445·31	487·38	349·05
	Value of by product per acre	59·89	64·62	67·32	57·05	65·34	54·60	62·90	39·23
Cost per maund		**11·19**	**9·58**	**9·06**	**9·84**	**10·65**	**12·96**	**13·46**	**16·50**

Vill—Anarbaria Block—Habra-I P.S.—Habra District—24-Paraganas

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		4·47	3·76	2·07	2·29	0·84	1·62	1·15	0·96
Output per acre in md.	Main Produce	27·47	27·23	31·69	31·55	36·96	34·38	28·24	36·94
	By product	51·27	42·24	29·95*	34·40	52·12	44·61	32·62	47·24
Value (including by product) in Rs.		2778·09	2389·00	1362·52	1484·52	694·29	1253·90	673·65	730·73
Family labour	M. D.	117·25	119·50	40·00	67·50	25·75	14·00	27·50	8·50
	W. D.	—	—	0·50	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	151·00	148·50	97·50	62·75	40·75	123·50	39·00	64·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	16·00	13·00	—	3·00	1·00	—	—
Bullock labour days (owned and hired)		133·00	135·50	61·50	46·50	30·50	46·50	34·50	26·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	54·60	65·60	40·06	63·13	66·26	20·98	51·03	19·72
	Hired	70·29	83·70	98·49	57·89	96·80	159·44	84·59	132·78
Bullock labour		58·50	79·07	85·26	38·85	77·50	52·27	63·48	22·43
Implement		2·12	2·55	0·77	2·20	0·58	2·42	5·64	2·03
Irrigation rates		3·06	—	0·77	—	4·40	5·31	1·04	6·14
Rent		3·84	3·48	4·63	3·83	4·36	3·66	3·41	2·53
Rent in kind		—	9·57	—	21·83	—	—	—	33·53
Miscellaneous		16·76	8·50	5·70	4·44	3·81	8·93	7·06	4·39
Interest on capital		69·20	56·72	74·87	59·68	60·86	66·07	54·83	44·78
Seeds		6·94	6·30	6·49	7·34	7·00	7·75	8·97	8·75
Market charges		—	—	—	—	—	—	—	—
Fertilisers		46·38	36·53	35·99	40·61	40·53	38·78	42·34	46·36
Management		43·50	44·48	46·08	45·38	57·36	54·18	41·00	53·28
Total		375·19	396·50	399·11	345·18	419·96	419·79	363·39	376·72
Value of by product per acre		126·85	146·28	88·73	79·01	99·02	147·38	70·13	95·57
Cost per maund		**9·04**	**9·19**	**9·79**	**8·44**	**8·68**	**7·92**	**10·38**	**7·61**

* Certain quantity of straw was stolen from the threshing floor.

Vill—Mandalpara　Block—Habra-II　P S.—Habra　District—24-Parganas

Crop—Aman paddy　Year—1964-65　Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		3·16	2·57	2·55	2·68	4·61	1·35	2·12	1·50
Output per acre in md.	Main Produce	34·46	33·33	34·27	32·92	30·08	45·92	32·08	32·00
	By product	57·82	49·00	49·29	61·92	44·38	60·46	53·03	46·12
Value (including by product) in Rs.		2655·78	2093·72	2122·80	2199·70	3362·72	1491·96	1668·36	1160·78
Family labour	M. D.	143·50	70 25	38·00	141·00	163·50	22·50	19·50	34·75
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	9·00	—	—	11·75	—
Hired labour	M. D.	65·00	64·25	93·25	26·50	105 00	63·00	117·50	33·25
	W. D.	—	2 00	—	—	—	—	—	—
	C. D.	—	—	1·00	5·00	—	—	2·00	—
Bullock labour days (owned and hired)		72·50	62·50	64·50	75·00	98·00	38·00	50 50	39·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	93·82	58·22	30·45	112·10	72·53	32·76	24·49	46·84
	Hired	46·30	58·60	81·00	22·93	47·39	96·81	111·76	40·99
Bullock labour		46 89	66·57	77·95	55·53	52·99	108·15	52·52	52·08
Implement		1 37	1·51	1·55	1·36	2·00	4·65	1·26	3·23
Irrigation rates		3·64	1·28	2·08	2·98	2·06	6·59	4·15	3·33
Rent		3·43	2·42	4·79	2·80	4·45	3·61	2·70	4·06
Rent in kind		—	14 27	—	—	—	60·15	—	—
Miscellaneous		10·98	8·15	0·88	6·65	6·98	12·90	4·75	0·25
Interest on capital		114 84	106 45	117·47	93·96	103·36	108·79	82·68	67·58
Seeds		8·13	21·11	7·27	6·64	7·39	7·91	9·18	7·65
Market charges		0·06	0·07	—	—	—	—	—	—
Fertilisers		36·44	20·48	27·14	25·73	19·36	32·79	29·49	32·97
Management		58·83	57·03	58·27	57·45	51·06	77·36	55·09	54·17
	Total	424·73	416·16	408·85	388·13	369·57	552·47	378·07	313·15
	Value of by product per acre	96·42	92·21	90·98	114·18	79·93	111·85	91·51	81·33
Cost per maund		**9·53**	**9·72**	**9 28**	**8 32**	**9·63**	**9·60**	**8·93**	**7·24**

Note : Human labour cost for farm no. VIII was low because its Aman plots were situated at a very short distance from his house. Cost of seeds for farm no II was high due to heavy cost of home grown seeds and purchased seedlings.

Vill—Tegharia Block—Baraset-II P.S.—Baraset District—24-Paraganas

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		3·12	6·49	4·64	1·24	3·47	4·60	1·86	4·61
Output per acre in md.	Main Produce	30·05	33·49	33·51	38·91	37·33	35·89	37·51	32·10
	By product	45·29	44·86	45 87	46·09	44·06	45·98	49·47	42·31
Value (including by product) in Rs.		1955·49	4467·71	3197·99	979·47	2615·58	3378·31	1429·85	3047·29
Family labour	M. D.	47·25	87·75	138·00	6·50	56·25	56·75	54·50	17·25
	W. D.	0·50	—	—	—	—	—	0·50	—
	C. D.	—	—	—	—	—	—	—	0·50
Hired labour	M .D.	162·75	316·50	158·50	82·00	155·25	250·25	81·75	306·00
	W. D.	7·00	1·00	—	—	—	—	—	—
	C. D.	25·00	10·00	—	10·00	15·00	20 00	2·00	—
Bullock labour days (owned and hired)		66·50	111·25	131·50	30·00	63·50	99·00	43·00	113·50
EXPENDITURE PER ACRE IN RUPEES									
Human Labour	Family	30·22	26·66	57·46	10·61	31·35	23·63	56·95	7·59
	Hired	127·33	103·65	70·48	150·91	99·03	121·92	92·65	141·92
Bullock labour		52·33	39·73	57·52	60·48	55·63	34·91	49·96	63·17
Implement		8·93	1·02	1·67	0·93	2·05	0·86	2·38	1·00
Irrigation rates		—	—	—	—	—	—	—	—
Rent		4·34	7·08	7·34	6·00	3·75	5·14	3·07	7·56
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		6·70	13·92	6·20	1·22	24·85	9·15	21·02	7·39
Interest on capital		108·70	82·40	80·74	96·53	103·52	103·56	78·53	106·05
Seeds		9·97	7·69	10·15	8·81	12·43	12·11	10·85	9·97
Market charges		—	—	—	—	—	—	—	—
Fertilisers		30·20	26·78	27·94	31·37	30·32	37·86	23·65	22·43
Management		43·87	48·19	48·24	55·29	52·76	51·41	53·81	46·27
	Total	422·59	357·12	367·74	422·15	415·69	400·55	392·87	413·35
	Value of by product per acre	75·19	74·48	76·16	76·52	72·79	76·34	81·13	70·49
Cost per maund		**11·56**	**8·44**	**8·70**	**8·88**	**9·18**	**9·03**	**8 31**	**10·68**

Vill—Baincha Block—Santipur P.S.—Santipur District—Nadia

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		3·14	2·30	1·16	2·33	0·90	1·40	1·82	4·57
Output per acre in md.	Main Produce	19·11	13·81	24·15	24·24	21·14	19·80	19·02	28·38
	By product	34·70	25·60	43·09	37·09	38·41	39·03	34·10	53·83
Value (including by product) in Rs.		1469·23	719·07	683·27	1337·03	465·94	690·86	845·53	3205·30
Family labour	M. D.	64·00	39·00	38·00	17·00	31·00	47·50	36·75	85·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	117·00	97·00	30·00	105·00	32 00	72·00	67·00	122·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		100·00	70·00	63·00	50·00	37·00	59·50	37·00	125·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	36·86	29·40	58·19	11·16	61·81	55·76	31·94	30·48
	Hired	64·59	74·93	40·50	82·91	62·19	92·71	65·55	49·87
Bullock labour		31·99	29·36	62·93	20·06	50·63	68·11	27·00	48·04
Implement		8·06	4·99	6·21	2·55	7·07	7·23	6·92	3·36
Irrigation rates		4·14	8·13	—	11·43	—	15·17	13·65	8·20
Rent		1·62	1·66	2·22	2·01	0·98	1·85	1·19	1·64
Rent in kind		163·70	31 07	—	—	108·09	—	72·82	—
Miscellaneous		2·19	1·16	1·89	3·31	0·23	2·78	5·18	0·41
Interest on capital		26·44	27·12	33·40	25·14	14·39	30·98	25·90	31·58
Seeds		7·10	7·05	10·86	6·32	16·20	11·26	7·08	10·41
Market charges		—	—	—	—	—	—	—	—
Fertilisers		2·93	20·80	11·10	20·93	22·49	1·97	25·27	8·86
Management		32·75	21·88	41·23	40·17	36 23	34·54	32·52	49·10
	Total	382·37	257·55	268·53	225·99	380·31	322·36	315·02	241·95
	Value of by product per acre	97·12	44·73	120·58	103·38	107·49	109·23	95·43	150·66
Cost per maund		**14·93**	**15·41**	**6·13**	**5·06**	**12·91**	**10·76**	**11·54**	**3 22**

Vill—Paschim Bhatjungla Block—Krishnanagar-I P S:—Kotwali District—Nadia

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		1·33	—	0·52	1·00	1·26	1·88	1·22	1·50
Output per acre in md.	Main Produce	19·55	—	21·02	24·07	17·55	24·06	23·90	21·15
	By product	28·51	—	30·92	35 38	25·52	34·64	35·15	31·27
Value (including by product) in Rs.		568·06	—	239·22	526·49	482·93	986·59	637·93	694·75
Family labour	M. D.	26·00	—	22·00	24·75	13·25	8·00	9·75	25·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	49·50	—	20·00	20 00	41·00	115·00	60·50	67·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		76·50	—	30·00	36·00	46·00	100·00	83·00	88·00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	36·72	—	78·85	46·32	19·05	8·13	15·55	30·63
	Hired	61·84	—	62·50	37·50	61·11	111·57	80·63	74·83
Bullock labour		87·65	—	99·27	36·00	37·67	50·86	78·24	68·28
Implement		5·56	—	19·43	4·46	6·16	8·00	4·10	3·10
Irrigation rates		6·02	—	9·50	1·55	—	7·53	—	4·47
Rent		0·18	—	1·26	0·78	2·28	2·81	1·05	1·68
Rent in kind		37·16	—	—	38·37	—	—	23·44	—
Miscellaneous		3·32	—	6·90	1·31	2·94	5·57	5·45	6·27
Interest on capital		9·43	—	29·39	20·28	39·09	46·90	32·90	28·06
Seeds		6·32	—	8·08	4·20	5·00	6·58	5·16	5 60
Market charges		—	—	—	—	—	—	—	—
Fertilisers		11·56	—	11·36	0·78	0·18	9·99	11·63	11·47
Management		29·90	—	32·20	36·85	26·83	36·73	36·60	32·42
	Total	295·66	—	358·74	228·40	200·31	294·67	294·75	266·81
	Value of by product per acre	63·83	—	69·23	79·20	57·14	77·55	78·69	70·00
Cost per maund		**11·86**	—	**13·77**	**6·20**	**8·16**	**9·02**	**9·04**	**9 30**

Note : High seed cost was due to raising of more seedlings. The farmer previously thought that he would procure more large lands for transplantation, but he failed to procure the land for which he incurreed expenditure on seeds.

Vill—Assannagore Block—Krishnanagar-I P.S.—Kotwali District—Nadia

Crop—Aman paddy Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		1·02	2·06	1·14	0·64	4·11	3·87	2·70	9·08
Output per acre in md.	Main Produce	9·32	17·99	26·33		23·84	20·15	19·26	26·42
	By product	18·26	32·91	48·89	—	42·90	38·43	37·52	46·71
Value (including by product) in Rs.		203·72	783·00	635·97	—	2063·40	1661·12	1112·22	5035·19
Family labour	M. D.	37·00	27·25	59·25	5·50	130·50	79·00	67·00	159·00
	W. D.	—	2·00	—	—	5·50	1·50	-	22·00
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	57·50	86·50	21·00	18·00	134·50	88·00	56·00	171·50
	W.D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	3·50	—	—	—
Bullock labour days (owned and hired)		37·50	65·50	65·50	—	181·50	46·00	78·00	344·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	71·74	26·73	97·12	18·21	62·12	39·01	48·28	36·48
	Hired	105·63	82·40	32·46	51·56	69·63	45·80	40·08	37·39
Bullock labour		50·77	51·45	79·38	—	40·01	58·85	58·91	46·76
Implement		6·39	4·34	3·18	2·79	3·68	4·83	4·06	4·04
Irrigation rates		—	—	—	—	—	—	—	—
Rent		2·19	0·04	1·88	1·16	2·48	2·52	2·45	2·29
Rent in kind		—	119·46	—	—	23·10	38·63	44·08	—
Miscellaneous		—	—	3·42	6·45	0·61	1·49	7·44	4·62
Interest on capital		58·76	7·18	46·27	31·16	43·77	45·34	49·62	63·74
Seeds		13·24	22·47	18·89	25·00	13·90	18·35	14·67	14·72
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	3·65	—	—	—	8·56	-	—
Management		13·98	26·61	39·05	—	35·14	30·05	28·84	38·82
Total		322·70	344·33	321·65	136·33	294·44	293·43	298·43	248·86
Value of by product per acre		40·88	73·69	109·47	—	96·06	86·05	84·00	104·57
Cost per maund		**30·24**	**15·04**	**8·06**	—	**8·32**	**10·29**	**11·13**	**5·46**

* Crop was damaged

Note : The cultivetor no. VIII prepared his land with tractor. Fertilisers were not used in most of the land, because they were 'beel' areas.

Vill—Joteram Block—Burdwan Sadar P.S.—Burdwan District—Burdwan

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·47	0·78	0·41	0·62	—	0·35	0·50	0·59
Output per acre in md.	Main Produce	19·66	20·06	28·10	22·58	—	33·34	18·00	20·34
	By product	27·64	26·00	39·02	32·45	—	41·43	26·00	23·73
Value (including by product) in Rs.		322·26	554·56	404·68	499·20	—	404·54	295·00	417·00
Family labour	M. D.	51·75	14·25	5·00	4·25	—	1·00	—	11·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	17·00	73·75	46·00	53·00	—	57·00	67·00	43·00
	W. D.	1·00	16·00	17·00	3·00	—	—	13·00	5·00
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		12·00	20·00	12·00	20·00	—	12·00	11·00	16·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	220·21	36·54	24·39	13·71	—	5·71	—	37·29
	Hired	76·59	230·13	293·42	174·62	—	288·63	302·80	152·37
Bullock labour		137·62	60·26	111·22	98·71	—	92·23	69·08	89·22
Implement		10·38	6·58	17·63	17·56	—	12·54	8·82	7·73
Irrigation rates		5·32	8·40	—	—	—	—	5·65	2·00
Rent		5·00	6·94	2·09	3·02	—	2·95	5·82	1·78
Rent in kind		97·87	—	—	144·15	—	118·69	—	—
Miscellaneous		—	—	—	—	—	7·43	—	—
Interest on capital		99·62	107·18	50·58	112·65	—	83·11	132·67	41·92
Seeds		4·04	4·49	5·93	4·73	—	4·63	4·04	4 80
Market charges		—	—	—	—	—	—	—	—
Fertilisers		40·28	38·87	67·46	48 63	—	37·91	65·06	38·97
Management		48·00	49·77	69·09	56·36	—	80·91	41·30	49·47
	Total	744·93	549·16	641·81	674·14	—	734·74	635·24	425·55
	Value of by product per acre	27·64	26·00	39·02	32·45	—	41·43	26·00	35·59
Cost per maund		**36·48**	**26·08**	**21·45**	**28·42**	—	**20·80**	**33·85**	**19·17**

Vill—Chaknara Block—Memari-I P.S.—Memari District—Burdwan

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding			I	II	III	IV	V	VI	VII	VIII
Area under crop in acres			1·03	0·36	1·58	1·06	1·78	1·30	3·21	2·35
Output per acre in md.	Main Produce		23·90	23·67	20·50	20·60	22·59	30·41	24·76	22·91
	By product	Stick	44·27	44·28	38·65	40·29	29·63	52·35	45·49	44 26
		Seed	—	0·89	0·27	—	—	0·25	—	—
Value (including by product) in Rs.			892·05	349·41	1184·11	784·33	2044·24	1449·55	2845·22	1880·07
Family labour	M. D.		38·00	17·00	22·50	11·00	50·25	16·75	36·25	4·25
	W. D.		—	—	—	—	—	—	—	—
	C. D.		—	—	—	—	—	—	—	—
Hired labour	M .D.		82·00	28·25	98·25	72·75	118·50	103·00	205·75	143·00
	W. D.		—	—	4·00	3·00	3·00	—	—	—
	C. D.		—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)			16·00	14·00	23·00	25·00	27·00	28·00	42·00	55·50
EXPENDITURE PER ACRE IN RUPEES										
Human Labour	Family		58·94	79·14	23·98	17·69	45·75	22·32	18·44	3·11
	Hired		142·96	133·86	116·57	126·44	124·19	144·55	111.50	120·01
Bullock labour			60·12	41·67	35·44	58·85	39·04	65·69	46·97	69·67
Implement			19·95	7·92	8·08	4·79	8·80	8·89	5·27	7·17
Irrigation rates			2·67	4·68	3·44	3·91	5·63	3·82	3·70	6·03
Rent			1·15	6·41	3·28	3·70	6 35	3·74	4·20	5·62
Rent in kind			—	242·33	131·04	—	—	25·11	75·18	—
Miscellaneous			5·82	5·14	5·17	4·79	3·54	4·99	3·90	4·17
Interest on capital			41·34	101·20	58·48	85·23	95·28	92·58	70·61	103·74
Seeds			3·53	3 36	3·08	3·06	2·73	3 58	3·21	2·76
Market charges			3·20	14·22	3·80	4·25	6·04	15 00	9·34	4·57
Fertilisers			89·29	40·50	71·01	110·84	83·70	88·84	93·98	67·24
Management			60·62	67·94	52·46	51·80	80·39	78·05	62·04	56·00
Total			489·59	748·37	515·83	475·35	501·44	557·16	508·34	450·09
Value of by product per acre			44·27	176·61	79·15	40·29	29·63	89·27	45·49	44·26
Cost per maund			**18·63**	**24·16**	**21 30**	**21·12**	**20·88**	**15·39**	**18·69**	**17·71**

Vill—Mandalhat Block—Katwa-I P.S.—Katwa District—Burdwan

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		5·93	1·46	2·79	2·89	2·52	1·98	3 47	0·62
Output per acre in md.	Main Produce	25·90	17·99	* 4·35	* 8·92	* 9·09	* 4·26	* 12·01	14·27
	By product Stick	42·43	32·50	7·05	15·76	15·94	6·09	19·30	25·94
	By product Seed	—	—	0·05	—	0 19	—	—	—
Value (including by product) in Rs.		5654·49	988·41	408·17	1017·01	1029·84	354·89	1480·94	313·76
Family labour	M. D.	150·25	84·75	75·00	30·25	92·00	74·50	66·75	37·75
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	325·50	108·50	205·00	260·00	113·00	126·00	296·50	65·00
	W. D.	168·00	72·00	61·00	112·00	51·00	41·00	102·00	30·00
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		116·00	39·50	83·00	76·50	58·00	29·50	67·50	14·00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	55·69	124·24	54·73	21·45	78·92	85·31	41·91	142·56
	Hired	140·08	208·41	171·15	225·28	113·91	157·58	198·45	258·22
Bullock labour		47·38	61·47	70·07	78·62	82·97	14·90	63·80	22·58
Implement		7·66	11·74	7·19	7·38	7·48	2·37	10·06	5·36
Irrigation rates		—	—	—	—	—	—	—	—
Rent		3·19	3·22	0·69	3·21	2·82	1·21	0·82	3·67
Rent in kind		28·14	62·86	35·62	16·17	39·43	56·18	73·63	70·16
Miscellaneous		7·21	7·53	5·52	7·30	12·34	6·76	7·03	11·84
Interest on capital		96·29	91·82	54·46	103·93	67·20	32·72	81 47	120·15
Seeds		4·38	5·00	5·28	5·76	5·68	4·31	4·68	8·66
Market charges		46·86	—	—	—	18·75	—	7·36	24·19
Fertilisers		44 43	61·66	46·79	48·14	34·17	25·28	30·63	43 97
Management		66·75	47·39	10·24	24·63	28·61	12·55	29·87	35·42
	Total	548·06	685·34	461·74	541·87	492·28	399·17	549·91	746·78
	Value of by product per acre	42·43	32·50	10·63	15·76	30·23	6·09	19·30	25·94
Cost per maund		19·52	36·29	* 103·70	* 58·98	* 50·83	* 92·27	* 44 18	50 51

* Crop was suffered very heavily from drought hence yield was low and cost per md. became high.

Note : Original area under the crop was 0·62 acres of which 0·33 acres were plouged down. High labour cost was due to expenditure on account for the original increased area upto the date of ploughing down in late June, Aus was sown in that 0·33 acres.

Vill—Rangapara Block—Kalna-I P.S.—Kalna District—Burdwan

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding			I	II	III	IV	V	VI	VII	VIII
Area under crop in acres			3·06	4·43	1·89	2·02	2·24	1·90	3·57	1·62
Output per acre in md.	Main Produce		21·60	16·30	13·67	18·25	18·49	15·64	17·57	19·38
	By product	Stick	31·55	25·20	20·46	27·48	27·64	23·69	27·44	29·80
		Seed	0·04	0·05	—	—	0·12	0·11	0·06	0·08
Value (including by product) in Rs.			2281·37	2671·50	894·59	1276·93	1467·71	1037·07	2355·22	1161·48
Family labour	M. D.		38·75	103·50	115·25	31·75	53·50	81·50	147·00	59·00
	W. D.		—	—	—	—	—	—	—	—
	C. D.		—	—	—	—	—	—	—	—
Hired labour	M. D.		193·25	265·50	36·25	123·50	129·00	79·00	90·75	82·75
	W. D.		115·00	71·00	34·00	56·50	85·50	84·50	65·50	35·00
	C. D.		—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)			49·50	61·50	55·50	45·50	37·00	32·00	51·00	39·50
			EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family		18·50	33·01	92·42	24·00	34·16	63·00	60·18	53·75
	Hired		186·03	154·94	67·63	164·82	171·26	153·59	82·11	141·91
Bullock labour			49·82	37·33	53·99	61·04	44·10	55·75	33·29	37·28
Implement			2·61	3·20	4·83	4·22	2·91	10·52	5·41	5·40
Irrigation rates			—	—	—	—	—	—	—	—
Rent			5·02	3·95	2·69	2·26	3·35	3·50	2·17	2·30
Rent in kind			—	1·99	72·89	57·80	—	—	79·99	82·18
Miscellaneous			—	4·21	3·81	—	0·96	2·27	3·96	2·22
Interest on capital			88·39	72·15	32·48	57·08	67·36	72·53	40·45	39·32
Seeds			6·75	4·46	7·27	7·27	6·80	5·51	7·22	5·31
Market charges			-	—	—	—	-	—	-	-
Fertilisers			52·03	40·10	36·88	37·69	44·59	39·15	37·39	46·88
Management			52·19	42·21	33·13	44·25	45·86	38·21	46·18	50·19
Total			461·34	397·55	408·02	460·43	421·35	444·03	398·35	466·74
Value of by product per acre			51·66	41·99	30·56	40·63	52·41	45·89	46·55	50·64
Cost per maund			**18·97**	**21·81**	**27·61**	**23·00**	**19·95**	**25·46**	**20·02**	**21·47**

Vill—Goswamimalipara Block—Polba P.S.—Polba District—Hooghly

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		1·83	0·78	0·81	1·59	1·11	1·81	1·12	1·41
Output per acre in md.	Main Produce	20·86	26·12	22·99	18·09	14·70	17·79	19·62	20·37
	By product	26·36	36·08	29·77	25·28	19·31	29·65	26·31	25·66
Value (including by product) in Rs.		1375·68	766·79	647·30	952·99	573·55	1155·19	800·86	1045·78
Family labour	M. D.	38·75	28·25	39·75	7·75	70·25	51·50	61·25	50 00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	0·75	—	—	4·25	—	10·25	1·00
Hired labour	M .D.	189·75	84·00	74·25	205·50	43·75	152·00	75·75	97·50
	W. D.	76·00	31·00	57·00	58·00	34·00	62·00	89·00	95·00
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		59·00	20·50	27·00	41·50	29·00	41·00	42·00	34·00
		EXPENDITURE PER ACRE IN RUPEES							
Human Labour	Family	36·97	63·11	84·79	8·10	111·60	48·82	101·14	60·84
	Hired	277·43	307·17	318·93	316·08	139·87	214·78	302·88	297·86
Bullock labour		95·43	80·15	68·33	100·75	65·58	66·60	115·12	73·48
Implement		3·65	1·54	3·04	6·35	2·37	1·10	12·37	4·09
Irrigation rates		—	—	—	—	—	-	—	—
Rent		7·28	6·62	7·46	8 30	8 67	5·86	6·50	5·63
Rent in kind		—	—	—	—	—	125·39	—	86·62
Miscellaneous		—	—	—	—	-	—	—	2·13
Interest on capital		119·37	119·59	118·35	108·70	111·78	68·51	109·73	59·33
Seeds		5·27	5·50	5·30	5·19	5·27	4·95	4·76	5·98
Market charges		—	—	—	—	—	—	—	2·13
Fertilisers		45·87	68·53	53·75	43·86	38·16	39·23	84·75	46·51
Management		52·62	68·81	55·94	41·96	36·17	44·68	50·05	51·92
	Total	643·89	721·02	715·89	639·29	519·47	619·92	787·30	696·52
	Value of by product per acre	49·18	67·31	55·56	47·17	36·04	49·72	49·11	47·87
Cost per maund		**28·51**	**25·03**	**28 72**	**32·73**	**32·89**	**32·05**	**37·62**	**31 84**

Vill—Basudebpur Block—Haripal P.S.—Haripal District—Hooghly

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		5·57	6·18	2·44	3·02	2·39	2·61	2·16	0·71
Output per acre in md.	Main Produce	18·95	21·24	24·00	20·28	17·60	18·00	19·63	17·35
	By product	33·67	26·88	29·65	23·95	26·90	22·58	23·56	22·65
Value (including by product) in Rs.		4461·68	6744·40	2325·00	2431·67	1698·00	1947·44	1676·24	508·87
Family labour	M. D.	72·25	123·50	105·75	97·25	116·50	119·00	95·00	26·25
	W. D.	—	—	—	—	—	—	—	3·50
	C. D.	—	—	0·75	—	—	—	1·00	—
Hired labour	M. D.	433·75	392·00	128·75	133·50	81·25	85·00	137·50	24·75
	W.D.	164·00	240·00	117·25	88·50	66·50	83·00	57·00	—
	C. D.	—	—	—	—	—	1·00	—	—
Bullock labour days (owned and hired)		120·00	120·00	46·00	63·50	45·00	40·50	66·00	20·50
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	25·16	38·09	83·54	61·77	93·21	87·74	83·48	78·26
	Hired	210·43	202·10	213·10	163·43	141·61	140·88	195·05	85·49
Bullock labour		59·68	75·97	69·39	60·57	87·44	52·60	120·39	365·54
Implement		7·09	7·22	5·72	7·58	5·55	7·67	7·72	14·69
Irrigation rates		4·66	3·59	3·19	3·91	4·50	1·70	4·16	—
Rent		4·86	4·21	3·74	5·34	7·44	2·06	5·22	5·13
Rent in kind		22·24	54·00	155·89	—	—	197·79	—	—
Miscellaneous		4·34	9·86	3·28	7·33	1·67	8·05	—	—
Interest on capital		76·95	67·44	66·08	84·62	85·33	38·39	91·53	58·56
Seeds		5·21	4·49	4·35	5·70	4·56	4 28	5·97	4·84
Market charges		—	—	—	0·69	—	1·72	—	—
Fertilisers		50·30	65·22	38·79	25·10	54·14	20·92	20·89	42·52
Management		56·07	76·39	66·70	56·36	49·73	52·23	54·32	50·17
	Total	526·99	608·58	713·77	482·40	535·18	616·03	588·73	705·20
	Value of by product per acre	37·70	30·10	33·20	23·51	30·13	25·29	26·39	25·35
Cost per maund		**25·82**	**27·24**	**28·36**	**22·63**	**28·70**	**32·82**	**28·65**	**39 18**

Village—Anarbaria Block—Habra-I P.S.—Habra District—24 Parganas

Crop—Jute Yar—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		3·73	3·61	0·93	2·55	0·50	1·86	1·03	0·89
Output per acre in md.	Main Produce	23.27	21·80	20·52	14·00	21·08	22·05	16·24	26·36
	By product	46·11	41·60	38·92	27·56	42·16	43·01	32·53	51·35
Value (including by product) in Rs.		3120·74	2706·05	678·16	1272·74	336·68	1507·48	555·99	878·00
Family Labour	M. D.	105·50	148·00	27·25	123·50	30·00	32·50	36·75	18·50
	W. D.	—	—	0·75	0·50	—	3·00	—	—
	C. D.	—	—	—	—	—	-	—	—
Hired Labour	M. D.	365·50	313·50	83·50	151·75	66·50	232·50	95·75	91·00
	W. D.	—	5·00	—	—	—	—	—	—
	C. D.	31·00	64·00	8·00	6·00	—	1 00	—	—
Bullock labour days (owned and hired)		94·00	118·00	29·50	74 00	34·50	78·00	43·50	26·50
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	51·84	77·16	54 36	91·09	107·88	37·05	63·39	38·64
	Hired	202·94	195·10	192·35	117·58	264·96	243·73	181·74	196·89
Bullock labour		53·08	72·86	83·81	56·25	149·72	74·67	77 72	19·28
Implement		2·12	2·55	0·77	2·20	0·58	2·42	5·64	2·03
Irrigation rates		4·14	3·46	6·56	2·31	6·00	6·08	5·44	4·38
Rent		3·84	3·48	4·63	3 83	4·36	3·66	3·41	2·53
Rent in kind		—	—	—	—	—	—	14·80	78·65
Miscellaneous		7·05	4·99	5·74	2·84	2·24	6 67	5·64	13·81
Interest on capital		69·20	56·72	74·87	59·68	60·86	66·07	54 83	44·78
Seeds		4 77	5·35	5·54	4·71	8·50*	5·54	5·98	4·83
Market charges		18·95	20·39	19·67	13·24	15·12	42·16	14·13	24·16
Fertilisers		63·17	86·80	60·88	27·36	99·88	62·57	70·88	87·35
Management		58·57	52·47	51·04	34·94	47·14	56 73	37·79	69 06
	Total	539·67	581·33	560·22	461·03	767 24	607·35	541·39	586·39
	Value of by product per acre	23·06	20·72	19·89	13·33	21·00	21·51	14 80	25·56
Cost per maund		**22·20**	**25 72**	**26·33**	**31 98**	**35 40**	**26·57**	**32 42**	**21·28**

* Used high seedrate.

Vill—Mandalpara Block—Habra-II P.S.—Habra District—24-Parganas

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		2·24	1·42	1·49	1·71	3·40	1·98	2·27	1·04
Output per acre in md.	Main Produce	22·99	21·96	19·18	18·47	17·72	20·02	26·22	29·98
	By product	19·23	18·31	18·14	18·16	20·83	25·48	29·79	39·86
Value (including by product) in Rs.		1725·29	1090·13	997·99	1158·02	2120·28	1408·68	2076·11	1117·50
Family labour	M. D.	218·00	76·00	41·75	130·50	250·50	71·50	65·75	59·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	12·50	—	—	37·75	—
Hired labour	M. D.	133·50	122·50	161·75	68·50	287·00	132·50	214·00	56·00
	W. D.	—	—	—	—	—	—	9·00	—
	C. D.	2·00	—	—	—	6·00	1·00	—	—
Bullock labour days (owned and hired)		69·00	40·00	32·00	55·00	91·00	45·50	68·00	32·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	187·42	101·94	55·46	160·83	147·13	75·13	68·53	113·75
	Hired	128·30	181·77	227·18	92·10	185·31	149·27	206·40	127·71
Bullock labour		61·62	74·89	61·88	59·24	67·54	83·57	71·65	81·37
Implement		1·37	1·51	1·55	1·36	2·00	4·65	1·26	3·23
Irrigation rates		2·95	7·39	2·01	5·67	1·18	3·08	1·37	—
Rent		3·43	2·42	4·79	2·80	4·45	3·61	2·70	4·06
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		9·82	16·11	6·17	7·08	4·71	9·44	13·56	2·10
Interest on capital		114·84	106·45	117·47	93·96	103·36	108·79	82·68	67·58
Seeds		7·54	5·21	5·26	3·99	4·12	6·49	3·99	4·84
Market charges		19·42	10·90	10·51	18·13	6·35	10·91	27·84	27·89
Fertilisers		27·77	28·54	31·07	25·55	26·95	33·34	25·33	14·04
Management		53·92	53·74	46·88	47·40	43·65	49·80	64·02	75·21
Total		618·40	590·87	570·23	518·11	596·75	538·08	569·33	521·78
Value of by product per acre		24·44	21·83	9·07	9·08	10·44	18·94	14·89	19·95
Cost per maund		**25·84**	**25·91**	**29·26**	**27·56**	**33·09**	**25·93**	**21·14**	**16·74**

Note :. For the farms no. I & V, human labour cost was high due to the use of labour at a higher rate.
Seed cost was slightly high due to use of seeds purchaed at a higher rate.

Vill—Tegharia Block—Baraset-II P.S.—Baraset District—24-Parganas

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding			I	II	III	IV	V	VI	VII	VIII
Area under crop in acres			2·70	4·72	3·14	1·36	2·32	4·61	2·54	2·87
Output per acre in md.	Main Produce		25·00	25·71	27·67	23·51	32·46	25·83	30·54	24·48
	By product	Stick	33·33	38·14	38·22	32·35	43·10	32·54	37·80	34·84
		Seed	0·04	0·04	0·07	—	—	—	0·05	—
Value (including by product) in Rs.			2572·12	4661·37	3366·30	1156·06	3004·51	4583·05	2928·68	2746·68
Family labour	M. D.		85·00	110·75	162·50	20·25	72·00	84·50	101·50	44·25
	W. D.		—	—	—	—	—	—	—	—
	C. D.		—	—	—	—	—	—	—	3·50
Hired labour	M. D.		287·00	496·50	258·50	131·50	225·25	511·25	230·75	397·00
	W. D.		—	—	—	—	—	—	—	—
	C. D.		24·00	51·00	10·00	31·50	20·25	77·00	8·00	9·50
Bullock labour days (owned and hired)			63·50	107·50	61·50	32·00	50·00	109·00	57·50	64·00
			EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family		63·17	45·80	100·78	28·55	61·09	36·57	78·94	32·29
	Hired		237·64	211·48	175·64	228·76	217·46	242·25	193·84	290·88
Bullock labour			54·65	58·53	49·29	71·53	64·88	43·22	46·11	63·43
Implement			8·76	1·02	1·67	0·93	2·05	0·86	2·38	1·00
Irrigation rates			—	—	—	—	—	—	—	—
Rent			4·34	7·08	7·34	6·00	3·75	5·14	3·07	7·56
Rent in kind			—	—	24·06	—	—	—	51·38	—
Miscellaneous			8·76	11·11	15·52	7·15	21·60	11·87	16·99	10·30
Interest on capital			108·70	82·40	80·74	96·53	103·52	103·56	78·53	106·05
Seeds			7·39	5·09	5·51	5·24	5·75	6·46	5·89	5·05
Market charges			20·74	16·45	19·35	21·68	10·29	16·18	31·26	8·79
Fertilisers			37·33	30·90	29·13	31·54	39·27	36·43	34·02	39·84
Management			66·68	69·13	75·04	59·50	90·65	69·59	80·71	66·99
		Total	618·16	538·99	584·07	557·41	620·31	572·13	623·12	632·18
		Value of by product per acre	20·37	22·88	24·84	16·18	21·55	16·27	22·83	17·42
Cost per maund			**23·91**	**20·07**	**20·21**	**23·02**	**18·45**	**21·52**	**19·66**	**25·11**

Vill—Baincha Block—Santipur P.S.—Santipur District—Nadia

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		1·82	1·49	—	2·50	0 99	1·43	1·86	0·82
Output per acre in md.	Main Produce	20·62	19·55	—	14·58	11·10	*	11·53	*
	By product	36·08	37·57	—	25·51	19·43	—	20·17	—
Value (including by product) in Rs.		1155·62	1005·00	—	1185·75	358·00	—	698·00	—
Family labour	M. D.	125·73	59·24	—	46·22	41·50	27·04	83·50	17·42
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	89·00	187·00	—	271·00	73·00	—	184·00	4·69
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	-	—	—	—
Bullock labour days (owned and hired)		94·21	58·00	—	67·00	31·00	65·26	71·00	55·54
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	101·43	58·62	—	27·00	61·80	18·91	65·70	21·24
	Hired	90·19	193·49	—	190·21	137·84	—	173·59	5·72
Bullock labour		81·81	36·69	—	27·54	37·60	45·64	52·06	67·73
Implement		8·06	4·99	—	2·55	7·07	7·23	6·92	3·30
Irrigation rates		—	8·13	—	—	—	—	—	—
Rent		1·62	1·66	—	2 01	0·98	1 85	1·19	1·64
Rent in kind		—	—	—	—	108·09	24·47	72·82	—
Miscellaneous		4·29	9·92	—	10·12	5·82	—	8·88	—
Interest on capital		26·44	27·12	—	25·14	14·39	30·98	25·90	31·58
Seeds		7·31	6·31	—	6 26	6·29	6·57	6·48	5 93
Market charges		—	—	—	—	—	—	—	—
Fertilisers		33·43	33·82	—	33 55	28·36	7·55	39·42	—
Management		44·45	47·21	—	33·20	25·31	—	26·27	—
Total		399·03	427·96	—	357 58	433·55	143·20	479·23	137·20
Value of by product per acre		16·82	15·44	—	11·90	9·60	—	9·68	—
Cost per maund		**18·54**	**21·10**	—	**23·71**	**38 19**	—	**40 72**	—

* Crop was damaged

Vill—Paschim Bhatjungla Block—Krishnanagar-I P.S.—Kotwali District—Nadia

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		2·00	1·17	1·59	3·28	0·58	5·16	2 69	2·77
Output per acre in md.	Main Produce	18·60	23 91	21·24	18·06	23·10	21·72	30·27	21·01
	By product	32·56	41·69	37·08	31·55	40·21	37·97	52·80	36·67
Value (including by product) in Rs.		1387·40	1011 37	1186·07	2137·19	461·75	3885·60	2523·87	1784·19
Family labour	M. D.	37·50	54·50	63·50	204·50	24·00	33·25	37·75	43·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	106·00	41·00	177·50	227·00	39·50	536·50	357·00	252·00
	W.D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		77·50	44·00	108·00	245·50	36·50	201·00	186·00	137·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	32·82	88 47	92·69	116·75	77·05	11·59	27·44	31·59
	Hired	114 00	71·37	239·29	131·25	132·76	210·49	257·34	199·46
Bullock labour		60 51	50 92	91 16	88·30	104·14	38·56	71·80	55·15
Implement		5·56	5 12	19·43	4·46	6·16	8 00	4·10	3·10
Irrigation rates		—	—	—	—	—	—	—	—
Rent		0·18	1·83	1·26	0·78	2·28	2·81	1·05	1·68
Rent in kind		37.16	—	11·52	38·37	—	—	—	15·81
Miscellaneous		14·64	14·99	14·43	14·55	14·09	14·49	14·51	14·62
Interest on capital		9·43	33·15	29·39	20·28	39·09	46·90	32·90	28 06
Seeds		3·53	3·59	3·59	3·51	3·76	3·58	7 46	3 52
Market charges		—	—	—	—	—	—	—	—
Fertilisers		43·30	38 87	48·23	47·41	33·52	37·97	47 40	37 65
Management		48·56	60 51	52·22	45·61	55·73	52·71	65·68	45·09
	Total	369·69	368 82	609·21	511 27	468 58	427·10	529·68	435 73
	Value of by product per acre	16 38	20·94	18·71	15·89	20·26	18·99	25 74	18 41
Cost per maund		**19 00**	**14 55**	**27 80**	**27 43**	**19 41**	**18 79**	**16 65**	**19·36**

* Seed cost was high due to resowing.

Vill—Assannagore Block—Krishnanagar-I P.S.—Kotwali District—Nadia

Crop—Jute Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		1·83	2·10	3·67	1·63	1·84	2·18	2·62	4·95
Output per acre in md.	Main Produce	21·73	17·84	23·70	21·80	23·67	21·15	22·91	21·95
	By product	39·91	33·44	44·36	41·86	46·24	40·08	41·43	40·88
Value (including by product) in Rs.		1588·38	1553·18	3831·09	1415·68	1858·83	1857·49	2476·03	4587·37
Family labour	M. D.	70·25	57·75	164·26	77·50	78·00	93·50	122·00	187·50
	W. D.	—	14·00	—	—	8·00	1·50	—	14·50
	C. D.	—	—	—	5·00	—	—	-	1·50
Hired labour	M. D.	130·75	185·00	112·00	202·00	113·00	168·00	141·00	327·75
	W.D.	—	—	—	8·00	6·00	3·00	—	—
	C. D.	—	—	—	—	4·00	—	—	—
Bullock labour days (owned and hired)		62·00	88·50	85·50	92·50	64·00	75·00	89·50	228·50
					EXPENDITURE PER ACRE IN RUPEES				
Human labour	Family	90·47	76·35	99·68	105·68	100·70	90·00	104·11	88·11
	Hired	162·01	193·42	80·00	328·94	142·76	190·34	153·57	140·87
Bullock labour		50 85	65·70	29·44	85·58	40·34	61·20	67·67	65·28
Implement		6·39	4·34	3·18	2·79	3·68	4·83	4·06	4·04
Irrigation rates		—	—	—	—	—	—	—	—
Rent		2·19	0·04	1·88	1·16	2·48	2·52	2·45	2·29
Rent in kind		—	119·46	—	18·84	—	—	44·08	—
Miscellaneous		13·16	9·90	12·40	9·82	13·11	13·72	11·48	7·11
Interest on capital		58·76	7·18	46·27	31·16	43·77	45·34	49·62	63·74
Seeds		4·99	4·42	5·02	4·99	4·50	5·00	5·00	4·99
Market charges		—	—	—	—	—	—	—	2·98
Fertilisers		42·16	40·84	44·99	34·05	38·72	34·11	61·71	48·24
Management		60·76	51·77	73·07	60·80	70·72	59·64	66·15	64·87
Total		491·74	573·42	395·93	683·81	460·78	506·70	569·90	492·52
Value of by product per acre		44·67	37·43	49·66	46·86	51·77	44·86	46·37	45·76
Cost per maund		**20·57**	**30·04**	**14 61**	**29 22**	**17·28**	**21·84**	**22·85**	**20·35**

Vill—Rangapara Block—Kalna I P.S.—Kalna District—Burdwan

Crop—Mesta Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	—	—	0·13	—	—	—
Output per acre in md.	Main Produce	—	—	—	—	10·31	—	—	—
	By product	—	—	—	—	16·46	—	—	—
Value (including by product) in Rs.		—	—	—	—	39·45	—	—	—
Family labour	M. D.	—	—	—	—	1·25	—	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	—	—	—	—	3·50	—	—	—
	W. D.	—	—	—	—	1·00	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	—	—	—	2·00	—	—	—
		EXPENDITURE PER ACRE IN RUPEES							
Human Labour	Family	—	—	—	—	13·08	—	—	—
	Hired	—	—	—	—	58·62	—	—	—
Bullock labour		—	—	—	—	41·08	—	—	—
Implement		—	—	—	—	2·91	—	—	—
Irrigation rates		—	—	—	—	—	-	—	—
Rent		—	—	—	—	3·35	—	—	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		—	—	—	—	-	—	—	—
Interest on capital		—	—	—	—	67·36	—	—	—
Seeds		—	—	—	—	5·77	—	—	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	—	—	—	—	—	—	—
Management		—	—	—	—	21·24	—	—	—
	Total	—	—	—	—	213·41	—	—	—
	Value of by product per acre	—	—	—	—	24·62	—	—	—
Cost per maund		—	—	—	—	**18·31**	—	—	—

Vill—Goswamimalipara Block—Polba P.S.—Polba District—Hooghly

Crop—Mesta Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	0·44	—	—	—	—	—	—
Output per acre in md.	Main Produce	—	14·00	—	—	—	—	—	—
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		—	161·00	—	—	—	—	—	—
Family labour	M. D.	—	9·00	—	—	—	—	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	—	19·00	—	—	—	—	—	—
	W. D.	—	12·00	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	12·00	—	—	—	—	—	—
EXPENDITURE PER ACRE IN RUPEES									
Human Labour	Family	—	32·20	—	—	—	—	—	—
	Hired	—	141·46	—	—	—	—	—	—
Bullock labour		—	83·18	—	—	—	—	—	—
Implement		—	1·54	—	—	—	—	—	—
Irrigation rates		—	—	—	—	—	-	—	—
Rent		—	6·62	—	—	—	—	—	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		—	—	—	—	-	—	—	—
Interest on capital		—	119·59	—	—	—	—	—	—
Seeds		-	13·64	—	—	—	—	—	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	32·00	—	—	—	. .	—	—
Management		-	25·61	—	—	—	—	—	—
	Total	—	455·84	—	—	—	—	—	—
	Value of by product per acre	—	—	—	—	—	—	—	—
Cost per maund		—	**32·56**	—	—	—	—	—	—

Vill—Basudebpur **Block—Haripal** **P.S.—Haripal** **District—Hooghly**

Crop—Mesta **Year—1964-65** **Treatment—Investment & Advice**

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	—	—	0·40	—	—	—
Output per acre in md.	Main Produce	—	—	—	—	14·07	—	—	—
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		—	—	—	—	152·00	—	—	—
Family labour	M. D.	—	—	—	—	17·25	—	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	—	—	—	—	4·50	—	—	—
	W. D.	—	—	—	—	20·50	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	—	—	—	5·50	—	—	—

EXPENDITURE PER ACRE IN RUPEES

		I	II	III	IV	V	VI	VII	VIII
Human Labour	Family	—	—	—	—	82·15	—	—	—
	Hired	—	—	—	—	104·37	—	—	—
Bullock labour		—	—	—	—	65·57	—	—	—
Implement		—	—	—	—	5·55	—	—	—
Irrigation rates		—	—	—	—	4·50	—	—	—
Rent		—	—	—	—	7·44	—	—	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		—	—	—	—	85·33	—	—	—
Seeds		—	—	—	—	24·38	—	—	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	—	—	—	—	—	—	—
Management		—	—	—	—	26·60	—	—	—
	Total	—	—	—	—	405·89	—	—	—
	Value of by product per acre	—	—	—	—	—	—	—	—
Cost per maund		—	—	—	—	28·84	—	—	—

Village—Anarbaria   Block—Habra-I   P.S.—Habra   District—24-Parganas

Crop—Mesta   Yar—1964-65   Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	—	—	—	0·14	0·20	0·10
Output per acre in md.	Main Produce	—	—	—	—	—	18·50	*	17·00
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		—	—	—	—	—	80·06	—	51·50
Family Labour	M. D.	—	—	—	—	—	1·00	3·25	2·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	-	—	—
Hired Labour	M. D.	—	—	—	—	—	11·50	—	7·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	—	—	—	—	3·50	6·50	4·00
				EXPENDITURE PER ACRE IN RUPEES					
Human labour	Family	—	—	—	—	—	14·00	25·35	49·30
	Hired	—	—	—	—	—	161·36	—	148·30
Bullock labour		—	—	—	—	—	47·79	63·95	36·20
Implement		—	—	—	—	—	2·42	5·64	2·03
Irrigation rates		—	—	-	—	-	—	—	—
Rent		—	—	—	—	—	3·66	3·41	2·53
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		—	—	—	—	—	3·33	4·19	0·96
Interest on capital		—	—	—	—	—	66·07	54·83	44·78
Seeds		—	—	—	—	—	14·28	7·50	7·50
Market charges		—	—	—	—	—	29·00	—	15·00
Fertilisers		—	—	—	—	—	86·86	—	53·20
Management		—	—	—	—	—	40·03	—	36·05
Total		—	—	—	-	—	468·80	164·87	395·85
Value of by product per acre		—	—	—	-	—	—	—	—
Cost per maund		—	—	—	—	—	**25·34**	—	**23·28**

* The crop was totally damaged by cattle

Vill—Mandalpara Block—Habra-II P.S.—Habra District—24-Parganas

Crop—Mesta Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·20	0·20	—	0·06	0·39	0·16	—	—
Output per acre in md.	Main Produce	12·30	10·10	—	27·50	10·59	16·87	—	—
	By product	20·25	—	—	50·50	15·59	25·34	—	—
Value (including by product) in Rs.		74·52	60 00	—	60·50	134·48	88·42	—	—
Family labour	M. D.	5·00	10·50	—	2·50	7·75	5·50	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	1·00	5·00	--	—	19·00	9·00	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		2·00	8·00	—	2·00	3·50	6·00	—	—

EXPENDITURE PER ACRE IN RUPEES

		I	II	III	IV	V	VI	VII	VIII
Human Labour	Family	53·35	94·60	—	72·33	41·08	63·62	—	—
	Hired	8 75	35 55	—	—	103·82	131·94	—	—
Bullock labour		(a) 20·40	(b) 107 45	—	73·00	24·49	131 87	—	—
Implement		1·37	1·51	—	1·36	2·00	4·65	—	—
Irrigation rates		—	—	—	—	—	-	—	—
Rent		3·43	2·42	—	2·80	4·45	3·61	—	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		6·20	5·46	—	3·57	2·58	5·44	—	—
Interest on capital		114 84	106·45	—	93·96	103·36	108·79	—	—
Seeds		15 00	7 50	—	6 66	15·38	6·25	—	—
Market charges		4 35	—	—	29·00	—	16·31	—	—
Fertilisers		—	21·00	—	—	—	31·25	—	—
Management		26·10	21·00	—	70 50	24·13	38·69	—	—
	Total	253·79	422·94	—	355·18	321·29	542·42	—	—
	Value of by product per acre	10·15	—	—	25·00	7·69	18·75	—	—
Cost per maund		**19 81**	**41 88**	—	**12·01**	**29 61**	**31·04**	—	—

(a) Bullocks were only used for tillage operation, hence bullock cost was low.

(b) Cultivator prepared his land at first to produce Jute, but then he changed his intention and grew Mesta. Hence there was high bullock cost

Village—Baincha Block—Santipur P.S.—Santipur District—Nadia

Crop—Mesta Yar—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	0·91	—	0·33	—	—	2·05
Output per acre in md.	Main Produce	—	—	10·01	—	6·48	—	—	7·06
	By product	—	—	24·38	—	12·18	—	—	12·35
Value (including by product) in Rs.		—	—	277·62	—	62·00	—	—	443·81
Family Labour	M. D.	—	—	31·00	—	8·25	—	—	44·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	-	—	—
Hired Labour	M. D.	—	—	25·00	—	5·00	—	—	39·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	—	32·00	—	9·00	—	—	42·50
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	—	—	50·24	—	36·52	—	—	32·78
	Hired	—	—	50·37	—	26·45	—	—	37·51
Bullock labour		—	—	39·68	—	35·21	—	—	40·29
Implement		—	—	6·21	—	7·07	—	—	3·36
Irrigation rates		—	—	-	—	-	—	—	—
Rent		—	—	2·22	—	0·98	—	—	1·64
Rent in kind		—	—	—	—	108·09	—	—	36·68
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		—	—	33·40	—	14·39	—	-	31·58
Seeds		—	—	3·30	—	3·79	—	—	5·61
Market charges		—	—	—	—	—	—	—	-
Fertilisers		—	—	-	—	—	—	—	—
Management		—	—	21·36	—	13·15	—	—	15·15
Total		—	—	206·78	-	245·65	—	—	204·60
Value of by product per acre		—	—	6·18	-	6·06	—	—	5·76
Cost per maund		—	—	**20·04**	—	**36·37**	—	—	**28·16**

Vill—Paschim Bhatjungla Block—Krishnanagar-I P.S.—Kotwali District—Nadia

Crop—Mesta Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	—	—	—	—	0 91	0·71
Output per acre in md.	Main Produce	—	—	—	—	—	—	8·84	12·76
	By product	—	—	—	—	—	—	15 37	18·42
Value (including by product) in Rs.		—	—	—	—	—	—	258 52	289 88
Family labour	M. D.	—	—	—	—	—	—	3·00	6·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	•	—
Hired labour	M. D.	—	—	—	—	—	—	75·50	40·50
	W.D.	—	—	—	—	—	--	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	—	—	—	—	—	64·00	21·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	—	—	—	—	—	—	6·87	11·97
	Hired	—	—	—	—	—	—	164 56	109·32
Bullock labour		—	—	—	—	—	—	90·32	36·83
Implement		—	—	—	—	—	—	4·10	3·10
Irrigation rates		—	—	—	—	—	—	—	—
Rent		—	—	—	—	—	—	1·05	1·68
Rent in kind		—	—	—	—	—	—	—	15·81
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		—	—	=	—	—	—	32·90	28 06
Seeds		—	—	—	—	—	—	6 04	6·06
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	—	—	—	—	—	—	—
Management		—	—	—	—	—	—	19·89	28·58
	Total	—	—	—	—	—	—	325·73	241·41
	Value of by product per acre	—	—	—	—	—	—	7·69	9·15
Cost per maund		—	—	—	—	—	—	35 98	18 20

Vill—Mandalhat Block—Katwa-I P.S.—Katwa District—Burdwan

Crop—Sugarcane Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·41	0·20	0·25	0·20	0·11	0·20	0·05	—
Output per acre in md.	Main Produce (Gur)	38·21	(a) 18·75	(a) 13·40	80·40	39·00	(b)	40·20	—
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		239·75	57·37	51·25	408·11	108·88	—	51·01	—
Family labour	M. D.	14·00	14·00	10·50	2·75	12·75	3·00	4·00	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	57·50	20·00	39·50	45·00	27·00	—	10·00	—
	W.D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		16·00	10·00	6·50	6·00	10·00	1·00	4·00	—
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	67·98	141·25	82·96	28·05	235·00	30·00	158·80	—
	Hired	285·37	205·00	329·52	467·50	522·73	—	400·00	—
Bullock labour		115·90	125·00	65·00	89·10	329·91	5·00	262·40	—
Implement		29·61	34·25	25·20	52·40	68·82	2·37	100·00	—
Irrigation rates		—	—	—	—	—	—	—	—
Rent		3·19	3·22	0·69	3·21	2·82	1·21	0·82	—
Rent in kind		—	—	34·28	—	—	—	—	—
Miscellaneous		9·85	—	16·16	—	—	—	—	—
Interest on capital		96·29	91·82	54·46	103·93	67·20	32·72	81·47	—
Seeds		107·32	60·00	(c) 48·00	120·00	284·09	(d)	312·40	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		45·73	70·50	14·40	115·85	83·64	20·00	99·66	—
Management		40·93	20·08	14·35	142·84	69·29	—	71·41	—
	Total	802·17	751·12	685·02	1122·88	1663·50	91·30	1486·96	—
	Value of by product per acre	—	—	—	—	—	—	—	—
Cost per maund		**20·99**	**40·06**	**51·12**	**13·97**	**42·65**	—	**36·99**	—

(a) Crop was partially damaged due to drought & red rot disease.

(b) Crop was totally destroyed by drought & red rot disease.

(c) Partially ratoon.

(d) Ratoon.

Vill—Rangapara Block—Kalna-I P.S.—Kalna District—Burdwan
Crop—Sugarcane Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·07	0·14	0·05	0·12	0·04	0·04	0·10	0·07
Output per acre in md.	Main Produce (Gur)	65·00	56·29	52·60	46·92	47·00	28·25	67·50	62·00
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		119·63	246·96	71·05	176·40	58·60	35·28	170·10	117·45
Family labour	M. D.	5·50	20·75	16·75	15·25	6·00	4·50	20·75	5·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	29·25	26·75	5·25	42·25	9·00	6·50	22·50	28·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		5·00	12·00	2·50	7·00	2·00	3·00	5·00	4·50

EXPENDITURE PER ACRE IN RUPEES

		I	II	III	IV	V	VI	VII	VIII
Human labour	Family	101·86	195·29	473·00	166·58	203·00	152·50	290·10	104·71
	Hired	819·29	370·43	178·80	656·75	387·75	321·00	435·60	730·71
Bullock labour		220·00	263·14	131·00	158·08	133·50	248·25	100·90	102·86
Implement		74·00	46·07	48·50	37·58	58·00	54·25	55·40	37·57
Irrigation rates		—	—	—	—	—	—	—	—
Rent		5·02	3·95	2·69	2·26	3·35	3·50	2·17	2·30
Rent in kind		—	1·99	72·89	57·80	—	—	79·99	82·18
Miscellaneous		—	5·14	—	—	—	—	0·43	—
Interest on capital		88·39	72·15	32·48	57·08	67·36	72·53	40·45	39·32
Seeds		(a)	107·14	150·00	104·17	(a)	125·00	(a)	125·00
Market charges		—	—	—	—	—	—	—	—
Fertilisers		257·14	—	320·00	—	—	62·50	220·00	—
Management		119·63	123·48	99·47	102·90	102·55	61·74	119·07	117·45
	Total	1685·33	1188·78	1508·83	1343·20	955·51	1101·27	1344·11	1342·10
	Value of by product per acre	—	—	—	—	—	—	—	—
Cost per maund		**25·93**	**21·12**	**28·68**	**28·63**	**20·33**	(b) **38·98**	**19·91**	**21·65**

(a) Ratoon

(b) Cost per mds. was high due to low yield.

Vill—Goswamimalipara Block—Polba P.S.—Polba District—Hooghly
Crop—Sugarcane Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	—	—	—	—	0·08	—
Output per acre in md.	Main Produce (Gur)	—	—	—	—	—	—	92·12	—
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		—	—	—	—	—	—	137·50	—
Family labour	M. D.	—	—	—	—	—	—	7·50	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	0·25	—
Hired labour	M. D.	—	—	—	—	—	—	29·00	—
	W. D.	—	—	—	—	—	—	8·00	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	—	—	—	—	—	5·00	—
			EXPENDITURE PER ACRE IN RUPEES						
Human labour	Family	—	—	—	—	—	—	140·75	—
	Hired	—	—	—	—	—	—	836·12	—
Bullock labour		—	—	—	—	—	—	191·88	—
Implement		—	—	—	—	—	—	162·37	—
Irrigation rates		—	—	—	—	—	—	—	—
Rent		—	—	—	—	—	—	6·50	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		—	—	—	—	—	—	188·25	—
Interest on capital		—	—	—	—	—	—	109·73	—
Seeds		—	—	—	—	—	—	180·00	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	—	—	—	—	—	120·00	—
Management		—	—	—	—	—	—	120·31	—
	Total	—	—	—	—	—	—	2055·91	—
	Value of by product per acre	—	—	—	—	—	—	—	—
Cost per maund		—	—	—	—	—	—	22·32	—

Vill—Abinashpur Block—Suri-II P.S.—Suri District—Birbhum

Crop—Sugarcane Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·15	0·32	0·12	0·19	0·12	0·27	0·29	0·30
Output per acre in md.	Main Produce (Gur)	30·00*	79·69	37·50*	96·05	43·75*	56·26	60·34	16·67*
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		146·06	798·60	152·77	619·59	178·24	543·20	541·82	169·75
Family labour	M. D.	19·25	33·75	20·00	—	11·75	2·00	—	2·00
	W. D.	—	—	2·00	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	17·75	70·00	—	55·25	17·50	87·25	82·25	32·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		18·00	65·00	15·00	43·00	16·00	37·00	57·00	22·00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	178·87	158·72	271·66	—	148·42	11·81	—	10·00
	Hired	294·67	359·50	—	643·00	152·08	714·11	786·90	365·53
Bullock labour		394·46	447·12	257·50	536·37	236·00	320·70	529·34	209·73
Implement		15·40	55·53	21·75	58·68	27·42	46·15	47·90	23·37
Irrigation rates		7·39	8·31	2·86	3·63	2·21	4·15	10·05	5·17
Rent		2·88	2·62	0·69	5·24	0·56	1·00	3·04	1·72
Rent in kind		—	63·68	—	159·31	171·63	—	—	117·69
Miscellaneous		14·87	11·44	5·08	14·95	27·75	15·67	31·17	16·23
Interest on capital		134·18	100·34	42·18	56·31	35·27	63·47	144·38	78·55
Seeds		150·00	93·75	116·67	126·32	100·00	88·89	103·45	80·00
Market charges		—	—	—	—	—	—	—	—
Fertilisers		298·33	197·50	219·75	295·00	270·67	240·04	287·76	261·40
Management		68·16	174·69	89·12	228·27	103·97	140·83	130·78	39·61
Total		1559·21	1673·20	1027·26	2127·08	1275·98	1646·82	2074·77	1209·00
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		51·97	21·00	27·39	22·14	29·16	29·27	34·38	72·52

* Crops were partly damaged by red rot disease.

Note : The reasons for low human labour costs for Holdings No. I, III, V & VIII were due to damage of crops in general. Further, holding no. III used family labours, holding no. VIII used family labour and permanent labour whose rate was very small.

Vill—Nanoor Block—Nanoor P.S.—Nanoor District—Birbhum

Crop—Sugarcane Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·20	0·12	0·22	0·14	0·24	0·12	0·28	0·60
Output per acre in md.	Main Produce (Gur)	86·25	76·67	65·45	71·43	70·00	60·00	75·00	74·30
	By product	-	—	-	—	-	-	-	(a) 36·67
Value (including by product) in Rs.		401·41	214·08	335·09	232·70	368·05	167·54	479·78	1143·36
Family labour	M. D.	68·25	—	63·50	45·00	99·00	41·75	0·50	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	14·00	51·25	32·00	20·50	-	28·75	112·00	238·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	-	-	—	—	—	—	—	—
Bullock labour days (owned and hired)		14·50	12·50	26·00	20·00	23·00	16·00	27·00	49·50
					EXPENDITURE PER ACRE IN RUPEES				
Human labour	Family	714·45	—	611·64	651·71	919·04	729·33	4·57	—
	Hired	137·50	896·17	309·32	305·64	—	458·00	1273·25	1241·23
Bullock labour		296·50	529·33	372·45	502·14	341·62	385·00	284·93	249·23
Implement		23·35	(b) 93·00	53·14	27·36	45·96	55·67	40·21	47·60
Irrigation rates		4·57	6·96	7·05	8·55	8·09	7·14	9·95	10·17
Rent		1·46	3·26	2·75	4·51	4·85	4·53	4·00	3·11
Rent in kind		144·89	—	—	-	—	698·08	—	—
Miscellaneous		32·40	43·50	25·77	28·79	31·31	32·00	31·89	27·52
Interest on capital		54·27	91·18	85·71	104·53	96·98	111·44	110·62	124·82
Seeds		169·10	196·83	181·00	184·14	159·67	223·17	197·79	172·55
Market charges		—	—	—	—	—	—	—	—
Fertilisers		170·15	258·83	194·23	219·14	193·96	186·58	188·00	171·20
Management		140·49	124·88	106·62	116·35	107·35	97·73	119·94	133·39
Total		1889·13	2243·94	1949·68	2152·86	1908·83	2988·67	2265·15	2180·82
Value of by product per acre		—	—	—	-	—	—	—	113·33
Cost per maund		**21·90**	**29·27**	**29·79**	**30·14**	**27·27**	**49·81**	**30·20**	**27·83**

(a) Sugarcane cuttings.

(b) Implement cost was high due to the share of charges of a sugarcane crusher which was hired along with other farmers.

Vill—Kalikapur Block—Mayureswar-II P.S.—Mayureswar District—Birbhum

Crop—Sugarcane Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·15	0·22	0·16	0·14	0·28	0·24	0·23	0·50
Output per acre in md.	Main Produce (Gur)	66·47	27·27	40·62	67·86	50·00	79·67	85·43	39·00
	By product (Setts)	—	136·36	265·62	—	—	91·67	—	—
Value (including by product) in Rs.		263·31	209·74	251·14	243·30	364·23	536·91	506·50	499·33
Family labour	M. D.	46·75	6·00	29·00	6·25	49·00	—	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	3·00	—	—	—	—	—
Hired labour	M. D.	5·50	33·50	7·75	39·75	56·50	105·75	121·25	145·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	0·25	—	—	—
Bullock labour days (owned and hired)		10·00	12·00	9·00	9·50	33·50	29·00	28·50	31·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	515·80	42·68	317·81	68·29	276·57	—	—	—
	Hired	61·67	461·32	75·75	890·21	397·93	1351·87	1349·56	574·66
Bullock labour		261·33	210·55	232·31	194·71	376·14	445·87	371·74	182·04
Implement		74·60	25·23	32·06	45·71	43·07	31·25	41·65	36·48
Irrigation rates		—	—	—	—	—	—	—	—
Rent		4·80	3·70	6·27	3·71	4·09	6·17	4·84	4·99
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		18·47	35·73	3·81	15·43	19·89	38·33	32·96	1·10
Interest on capital		128·41	93·28	135·14	87·39	105·80	131·05	126·72	127·20
Seeds		(a) 111·47	169·82	(b) 117·56	148·00	163·29	231·37	254·26	162·68
Market charges		—	—	—	—	—	—	—	—
Fertilisers		179·60	231·50	215·50	193·86	154·93	181·29	164·96	125·68
Management		122·88	66·74	109·87	121·65	91·06	156·60	154·15	69·91
Total		1479·03	1340·55	1246·08	1768·96	1632·77	2573·80	2500·84	1284·74
Value of by product per acre		—	255·00	496·75	—	—	233·33	—	—
Cost per maund		**22·25**	**39·81**	**18·45**	**26·07**	**32·66**	**29·38**	**29·27**	**32·94**

Note : For holding no. II & VIII Crops were partly damaged due to red rot disease. For holding nos. II & III, a major portion of canes has been sold and hence much labour has not been spent for Gurmaking.

(a) Used low seed rate (b) Partly ratoon.

Vill—Anarbaria Block—Habra-I P.S.—Habra District—24-Parganas

Crop—Sugarcane Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·20	0·20	—	0·15	0·08	0·06	—	0·20
Output per acre in md.	Main Produce (Gur)	60·00	75·40	—	80·00	80·62	(a) 41·00	—	70·25
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		332·09	373·66	—	347·04	160·18	71·14	—	389·80
Family labour	M. D.	28·25	25·00	—	30·25	6·75	9·75	—	3·75
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	54·00	52·00	—	46·00	39·50	34·50	—	79·00
	W.D.	—	—	—	—	—	--	—	—
	C. D.	—	3·00	—	2·00	—	5·00	—	—
Bullock labour days (owned and hired)		29·50	19·50	—	15·50	12·00	6·50	—	10·50
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	246·20	224·40	—	367·27	143·87	273·17	—	33·85
	Hired	557·50	548·80	—	756·00	971·75	1228·34	—	776·25
Bullock labour		251·20	128·05	—	139·07	273·75	185·33	—	67·50
Implement		62·10	62·55	—	68·87	75·62	69·00	—	62·05
Irrigation rates		—	—	—	—	—	—	—	—
Rent		3·84	3·48	—	3·83	4·36	3·66	—	2·53
Rent in kind		—	—	—	—	—	—	—	750·00
Miscellaneous		94·55	71·00	—	80·47	213·87	94·50	—	84·50
Interest on capital		69·20	56·72	—	59·68	60·86	66·07	—	44·78
Seeds		(b) 35·00	60·00	—	93·33	87·50	(c) 41·67	—	100·00
Market charges		—	—	—	—	—	—	—	—
Fertilisers		156·15	70·65	—	122·07	223·12	158·17	—	131·20
Management		116·23	130·78	—	161·95	140·16	83·00	—	136·43
Total		1591·97	1356·43	—	1852·54	2194·36	2202·91	—	2189·09
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		**26·53**	**17·99**	—	**23·16**	**27·22**	**53·73**	—	**31·16**

(a) Partially damaged (b) Partially ratoon (c) Used lower seed rate.

Vill—Mandalpara Block—Habra-II P.S.—Habra District—24-Parganas

Crop—Sugarcane Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·10	0·13	—	0·29	0·71	—	0·16	0·48
Output per acre in md.	Main Produce (Gur)	109·70	19·23 (a)	—	46·21	60·48	—	56·25	44·37
	By product	—	—	—	—	—	—	—	4·23 (b)
Value (including by product) in Rs.		231·14	55·10	—	297·32	942·50	—	183·25	446·28
Family labour	M. D.	40·50	8·00	—	40·50	54·50	—	6·25	59·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	5·00	—	—	6·25	—
Hired labour	M .D.	28·00	7·00	—	35·00	113·50	—	34·00	45·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	1·00	—
Bullock labour days (owned and hired)		35·50	6·00	—	39·50	109·00	—	37·00	34·00
				EXPENDITURE PER ACRE IN RUPEES					
Human Labour	Family	741·80	110·85	—	296·00	148·08	—	111·44	250·04
	Hired	594·70	107·92	—	257·21	337·86	—	407·69	159·89
Bullock labour		473·90	68·77	—	143·34	206·03	—	235·19	76·42
Implement		113·80	36·15	—	56·52	225·94	—	76·25	57·39
Irrigation rates		—	—	—	—	—	—	—	—
Rent		3·43	2·42	—	2·80	4·45	—	2·70	4·06
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		126·20	30·46	—	57·86	73·56	—	78·81	53·89
Interest on capital		114·84	106·45	—	93·96	103·36	—	82·68	67·58
Seeds		70·00	38·46	—	27·95	5·63	=	25·00	33·33
Market charges		—	—	—	—	—	—	—	—
Fertilisers		79·00	57·54	—	22·90	38·59	—	72·50	52·31
Management		161·80	29·69	—	71·76	92·91	—	80·19	65·08
	Total	2479·47	588·71	—	1029·94	1236·41	—	1172·45	819·99
	Value of by product per acre	—	—	—	—	—	—	—	8·33
Cost per maund		**22·60**	**30.61**	—	**22·29**	**20·44**	—	**20·84**	**18·29**

(a) Yield was poor, because the farmer did not take care of his cultivation.

(b) Setts.

Note : All the farms had parly ratoon crop.

Village—Tegharia **Block—Baraset-II** **P.S.—Baraset** **District—24-Paraganas**

Crop—Sugarcane **Year—1964-65** **·Treatment—Investment & Advice**

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·10	—	0·10	—	—	0·17	0·08	—
Output per acre in md.	Main Produce (Gur)	96·20	—	107·50	—	—	127·94	132·75	—
	By product (Setts)	40·00	—	—	—	—	—	18·75	—
Value (including by product) in Rs.		249·31	—	267·06	—	—	540·12	267·71	—
Family Labour	M. D.	8·75	—	13·25	—	—	15·75	13·00	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired Labour	M. D.	32·50	—	11·25	—	—	81·75	29·75	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	3·00	—	—	3·00	3·00	—
Bullock labour days (owned and hired)		35·25	—	13·00	—	—	41·50	14·50	—

EXPENDITURE PER ACRE IN RUPEES

		I	II	III	IV	V	VI	VII	VIII
Human labour	Family	150·60	—	247·70	—	—	156·94	283·13	—
	Hired	708·90	—	315·30	—	—	1022·06	826·01	—
Bullock labour		354·50	—	191·50	—	—	353·06	276·63	—
Implement		168·80	—	81·70	—	—	118·53	102·38	—
Irrigation rates		—	—	—	—	-	—	—	—
Rent		4·34	—	7·34	—	—	5·14	3·07	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		104·90	—	107·20	—	—	179·59	104·13	—
Interest on capital		108·79	—	80·74	—	—	103·56	78·53	—
Seeds		347·00	—	307·60	—	—	280·23	303·63	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		179·40	—	139·60	—	—	168·82	209·00	—
Management		174·52	—	186·94	—	—	222·40	234·25	—
Total		2301·75	—	1665·62	—	—	2610·33	2420·76	—
Value of by product per acre		100·00	—	—	-	—	—	46·87	—
Cost per maund		**22·89**	—	**15·49**	—	—	**20·40**	**17·88**	—

Note : The farmars used high seed rate, and seed cost were high.

Vill—Baincha **Block—Santipur** **P.S.—Santipur** **District—Nadia**

Crop—Sugarcane **Year—1964-65** **Treatment—Investment & Advice**

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·33	0·66	0·50	—	0·69	0·57	0·25	0·66
Output per acre in md.	Main Produce (Gur)	52·30	6·82	51·14	—	32·09	38·18	51·04	—
	By product (cane)	—	—	—	—	108·68	—	—	—
Value (including by product) in Rs.		410·90	117·60	637·80	—	696·70	562·40	303·41	—
Family labour	M. D.	33·50	25·50	37·25	—	72 25	27·25	17·50	6·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	30·00	49·00	76·00	—	59·00	103·00	40·00	9·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		10·00	54·00	25·50	—	34·00	36·00	8·00	—

EXPENDITURE PER ACRE IN RUPEES

		I	II	III	IV	V	VI	VII	VIII
Human Labour	Family	162·70	58·80	116·44	—	161·33	83·32	118·00	13·64
	Hired	181·82	127·38	274·98	—	160·12	323·95	290·28	23·85
Bullock labour		48·24	65·23	57·82	—	49·59	84·44	40·32	—
Implement		8·06	4·99	6·21	—	7·07	7·23	6·92	3·36
Irrigation rates		—	—	—	—	5·56	—	—	—
Rent		1·62	1·66	2·22	—	0·98	1·85	1·19	1·64
Rent in kind		—	—	—	—	108·09	—	—	—
Miscellaneous		26·52	13·26	17·50	—	12·32	15·35	35·00	—
Interest on capital		26·44	27·12	33·40	—	14·39	30·98	25·90	31·58
Seeds		75·76	83·33	30·00	—	65·22	92·10	80·00	75·76
Market charges		—	—	—	—	—	—	—	—
Fertilisers		45·45	90·90	72·60	—	34·20	24·21	27 60	—
Management		87·16	12·47	89·29	—	70·68	69·07	84·95	—
	Total	663·77	485·14	700·46	—	689·55	732·50	710·16	149·83
	Value of by product per acre	—	—	—	—	217·39	—	—	—
Cost per maund		**12·69**	(a) **71·13**	**13·70**	—	**14·71**	**19·18**	**13·91**	(b) —

(a) Cost per md. was high due to low yield of the crop.

(b) Crop was damaged.

Village—Paschim Bhatjungla Block—Krishnanagar-I P.S.—Kotwali District—Nadia

Crop—Sugarcane Yar—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	0·16	0·33	—	—	0·50	0·17
Output per acre in md.	Main Produce (Gur)	—	—	56·25	60·82	—	—	55·48	59·12
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		—	—	276·56	616·50	—	—	851·91	308·66
Family Labour	M. D.	—	—	19·00	46·50	—	—	16·00	12·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired Labour	M. D.	—	—	41·00	66·00	—	—	61·00	45·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	—	21·00	39·00	—	—	37·00	28·00
				EXPENDITURE PER ACRE IN RUPEES					
Human labour	Family	—	—	219·81	265·06	—	—	63·10	138·18
	Hired	—	—	431·88	415·15	—	—	220·00	452·94
Bullock labour		—	—	193·56	135·03	—	—	80·84	186·47
Implement		—	—	19·43	4·46	—	—	4·10	61·93
Irrigation rates		—	—	—	—	—	—	—	—
Rent		—	—	1·26	0·78	—	—	1·05	1·68
Rent in kind		—	—	14·52	—	—	—	—	—
Miscellaneous		—	—	7·31	7·09	—	—	2·34	18·82
Interest on capital		—	—	29·39	20·28	—	—	32·90	28·06
Seeds		—	—	185·00	179·39	—	—	48·03	174·12
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	—	108·81	67·94	—	—	14·82	41·29
Management		—	—	121·00	130·77	—	—	119·27	127·10
Total		—	—	1331·97	1225·95	—	—	586·42	1230·59
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		—	—	**23·68**	**20·16**	—	—	**10·57**	**20·82**

* Partly ratoon.

Vill—Joteram Block—Burdwan Sadar P.S.—Burdwan District—Burdwan

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·18	0·88	0 70	0·52	—	0·43	0·38	0·67
Output per acre in md.	Main Produce	126·50	126·95	138·00	131·13	—	150·46	150·87	117·33
	By product (Pumpkin)	77·78	50·00	48·57	50·00	—	25·58	94·74	9·70
Value (including by product) in Rs.		488·28	2272·30	1886·07	1382·65	—	1232·96	1233·15	1437·99
Family labour	M. D.	21·25	12·00	11·00	11·00	—	2·50	—	26·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	2·00	89·50	66·75	69·00	—	76·75	57·25	53·00
	W.D.	—	—	—	—	—	--	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		14·00	47·00	33·50	41·50	—	43·00	27·00	45·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	236·11	27·27	31·43	42·31	—	11·63	—	79·10
	Hired	22·22	203·41	175·39	243·69	—	303·21	270·42	141·19
Bullock labour		419·22	133·52	181·86	236·29	—	261·14	223·10	220·97
Implement		5·73	2·39	7·00	10·53	—	6·30	4·47	4·03
Irrigation rates		—	8·40	—	—	—	—	—	2·00
Rent		5·00	6·94	2·09	3·02	—	2·95	5·82	1·78
Rent in kind		—	113·64	427·71	365·31	—	276·40	—	315·64
Miscellaneous		13·33	6·80	10·43	8·08	—	10·35	12·05	12·79
Interest on capital		99·62	107·18	50·58	112·65	—	83·11	132·67	41·92
Seeds		*186·83	380·68	457·14	456·73	—	448·84	438·16	479·85
Market charges		—	—	—	—	—	—	—	—
Fertilisers		269·00	174·76	286·20	483·77	—	527·91	542·55	465·57
Management		189·89	180·75	188·61	186·12	—	200·71	227·16	150·24
	Total	1446·95	1345·74	1818·44	2153·50	—	2132·55	1856·40	1915·08
	Value of by product per acre	388·89	250·00	242·86	250·00	—	127·91	473·88	48·51
Cost per maund		**8·36**	**8·63**	**11·42**	**14·52**	—	**13·32**	**9·16**	**15·91**

* The farmer used low seed rate and seeds were of small size.

Note : Potato was mainly produced along with Pumpkin. To find out the cost per md., Pumpkin was treated as by product.

Vill—Chaknara Block—Memari-I P.S.—Memari District—Burdwan

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		1·59	—	2·55	0·87	1·42	1·77	2·87	2·63
Output per acre in md.	Main Produce	159·96	—	160·62	138·00	180·08	146·18	221·52	113·23
	By product*	49·94	—	43·92	43·79	81·69	101·13	113·24	38·40
Value (including by product) in Rs.		4845·01	—	7803·93	2529·37	4771·35	5589·53	12847·54	5888·29
Family labour	M. D.	72·25	-	98·50	30·75	108·00	49·75	122·00	6·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	102·00	—	202·00	86·25	83·75	152·25	236·75	262·25
	W. D.	—	—	—	2·00	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		41·50	—	78·00	36·50	46·00	63·00	103·00	58·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	86·49	-	70·54	65·21	144·30	51·67	78·26	4·15
	Hired	118·13	—	135·62	174·82	98·71	145·79	131·88	171·26
Bullock labour		101·01	—	76·19	112·54	87·46	108·56	128 84	65·62
Implement		17·18	-	6·27	4·79	6·66	6·69	2·90	4·74
Irrigation rates		2·67	—	3·44	3·91	5·63	3·82	3·70	6·03
Rent		1·15	—	3·28	3·70	6·35	3·74	4·20	5·62
Rent in kind		138·81	—	696·98	—	310·99	83·29	—	—
Miscellaneous		31·27	—	32·28	37·20	21·42	28·97	31·12	29·07
Interest on capital		41·34	—	58·48	85·23	95·28	92·58	70·61	103·74
Seeds		194·34	—	201·57	186·21	188·36	205·08	174·56	177·47
Market charges		—	—	2·45	—	0·18	0·42	1·60	0·61
Fertilisers		473·62	-	412·33	450·34	637·59	612·84	663·48	479·64
Management		213·30	-	214·22	203·51	235·21	221·05	313·35	156·72
Total		1419·31	—	1913·65	1327·46	1838·14	1564·50	1604·50	1204·67
Value of by product per acre		249·69	—	219·61	218·97	183·10	505·65	566·20	192·01
Cost per maund		**7·31**	—	**10·55**	**8·03**	**9·19**	**7·24**	**4·69**	**8·94**

* Potato was mainly produced along with Pumpkin. To find out the cost per md. Pumpkin was treated as byproduct.

Vill—Mandalhat Block—Katwa-I P.S.—Katwa District—Burdwan

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		2·05	0·45	0 81	0·73	1·43	0·09	0·71	0·17
Output per acre in md.	Main Produce	107·30	121·76	123·38	131·42	114·40	128·33	81·39	91·71
	By product Pumpkin	34·15 (a)	33·33 (b)	—	—	8·06 (a)	—	—	—
	By product Barley	5·55	—	—	—	1·31	—	—	—
Value (including by product) in Rs.		3968·12	977·73	1596·59	1352·46	2580·97	193·46	946·51	235·46
Family labour	M. D.	71·25	91·00	67·50	—	90·25	14·00	10·25	20·75
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	266·25	38·00	80·00	119·00	152·00	10·00	82·50	22·50
	W.D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		40·50	17·00	33·00	27·50	36·00	4·00	18·50	7·00

EXPENDITURE PER ACRE IN RUPEES

		I	II	III	IV	V	VI	VII	VIII
Human labour	Family	73·80	421·27	172·69	—	133·79	324·00	31·07	253·94
	Hired	269·02	175·56	204·94	339·55	220·28	236·11	237·32	264·71
Bullock labour		46·17	81·11	72·22	101·08	90 63	44·44	85·46	41·18
Implement		7·66	11·74	7·19	7·38	7·48	2·37	10·06	5·36
Irrigation rates		—	—	—	—	—	—	—	—
Rent		3·19	3·22	0·69	3·21	2·82	1·21	0·82	3·67
Rent in kind		180·82	—	66·58	230·60	—	—	—	—
Miscellaneous		10·34	8·62	10·99	2·55	7·15	3·44	8·35	13·41
Interest on capital		96·29	91·82	54·46	103·93	67·20	32·72	81·47	120·15
Seeds		308·16	122·49	216·67	256·85	284·09	341·67	313·73	238·24
Market charges		41·66	—	12·96	43·49	92·00	—	42·25	—
Fertilisers		285·52	244·60	250·05	311·51	318·10	260·00	273·59	244·65
Management		135·50	152·09	137·98	129·69	126·34	150·47	93·32	96·95
	Total	1458·13	1312·52	1207·42	1529·81	1349·88	1396·43	1177·44	1282·26
	Value of by product per acre	299·27	133·33	—	—	54·54	—	—	—
Cost per maund		**10·80**	**9·68**	**9 79**	**11·64**	**11·32**	**10 88**	**14 47**	**13·98**

(a) Potato was mainly produced along with Pumpkin and Barley.

(b) Potato was mainly produced along with Pumpkin.

In such cases the minor crops were treated as by products to find out the cost per md. of Potato,

Vill—Rangpara Block—Kalna-I P.S.—Kalna District—Burdwan

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·40	1·94	0·26	0·47	0·33	0·58	1·32	0·25
Output per acre in md.	Main Produce	197·55	110 17	131·73	137·04	104·00	97·50	109·33	111·60
	By product	–	—	–	—	–	–	–	—
Value (including by product) in Rs.		1304·20	3535·80	551·07	891·24	559·00	970·70	2527·68	355·76
Family labour	M. D.	26·50	95·50	38·75	25·25	11·25	28·00	131·50	10·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	85·50	250·25	13·00	84·75	56·50	5C·25	178·75	33·25
	W. D.	—	18·00	1·00	4·00	7·00	7·00	5·00	—
	C. D.	3·00	–	—	—	—	—	—	—
Bullock labour days (owned and hired)		23·00	89·00	11·00	21·75	13·50	23·00	60·50	10'50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	102·95	77·86	233·96	87·32	54·55	74·70	158·05	64·92
	Hired	445·65	254·83	92·73	382·00	370·70	190·17	265·98	257·60
Bullock labour		177·10	93·53	54·69	125·40	100·61	109·95	95·33	45·00
Implement		2·61	28·39	8·69	4·22	2·91	13·97	5·41	5·40
Irrigation rates		—	—	—	–	—	-	—	—
Rent		5·02	3·95	2·69	2·26	3·35	3·50	2·17	2·30
Rent in kind		—	1·99	72·89	57·80	–	—	79·99	82·18
Miscellaneous		251·45	95·54	151·38	252·91	229·09	65·69	13·51	—
Interest on capital		88·40	72·15	32·48	57·08	67·36	72·53	40·45	39·32
Seeds		474·37	509·60	331·73	273·30	221·39	395·23	518·52	297·00
Market charges		—	—	0·69	1·91	—	–	0·05	—
Fertilisers		572·92	374·86	275·11	410·72	454·67	399·97	311·70	394·56
Management		228·24	127·58	148·36	132·74	118·58	117·15	134·04	99·61
Total		2348·71	1640·28	1405·40	1787·66	1623·21	1442·86	1625·20	1287·89
Value of by product per acre		—	—	–	-	—	—	—	—
Cost per maund		**11·89**	**14·87**	**10·67**	**13 04**	**15·61**	**14·30**	**14 86**	**11·54**

Vill—Goswamimalipara Block—Polba P.S.—Polba District—Hooghly

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·99	0·53	0·25	0·62	0·18	0·57	0 56	0·60
Output per acre in md.	Main Produce	152·12	148·57	112·52	147·10	132·17	155·49	142·57	129·00
	By product (Pumpkin)	—	—	24·00	—	—	52·67	35·71	51·82
Value (including by product) in Rs.		2584·72	1260·89	483·61	1481·49	381·72	1572·99	1441·39	1454·52
Family labour	M. D.	36·50	24·75	26·25	19·25	29 00	48·00	72·50	60·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	2·25	—	—	4·25	—	25·00	4·00
Hired labour	M .D.	120·75	62·00	27·00	116·00	4·00	64·75	24·75	68·00
	W. D.	8·00	5·00	2·00	2·00	—	—	6·00	—
	C. D.	—	—	—	—	—	0·75	—	—
Bullock labour days (owned and hired)		54·50	36·50	18·50	32·25	9·00	35·50	34·00	35·00
EXPENDITURE PER ACRE IN RUPEES									
Human Labour	Family	64·09	86·36	179·80	54·40	298·88	149·35	266·53	177·82
	Hired	215·12	204·70	164·08	312·94	36·44	190·33	92·85	200·73
Bullock labour		144·61	210·04	151·68	200·77	125·50	150·14	186·39	167·37
Implement		3·65	1·54	3·04	6·35	2·37	1·10	12·37	4·09
Irrigation rates		—	—	—	3·61	6·43	4·20	—	2·57
Rent		7·28	6·62	7·46	8·30	8·67	5·86	6·50	5·63
Rent in kind		—	—	—	—	—	125·39	—	86·62
Miscellaneous		30·55	29·17	31·92	46·06	28·61	29·72	127·12	67·02
Interest on capital		119·37	119·59	118·35	108·70	111·78	68·51	109·73	59·33
Seeds		383·43	412·83	484·00	471·29	522·22	492·61	434·82	455·83
Market charges		—	—	—	5·93	—	—	8·48	13·03
Fertilisers		380·54	250·49	287·76	256·94	332·22	400·74	331 87	300·40
Management		182·76	166·53	135·41	167·26	148·45	193·17	180·17	169·69
	Total	1531·40	1487·87	1563·50	1642·55	1621·57	1811·12	1756·83	1710·13
	Value of by product per acre	—	—	102·40	—	—	196 49	182·86	275·95
Cost per maund		**10·07**	**10·01**	**12·98**	**11 17**	**12·27**	**10·38**	**11·04**	**11·12**

Note : In few farms, Potato was mainly produced along with 'Pumpkin. To find out the cost per md., Pumpkin was treated as by product.

Vill—Basudebpur Block—Haripal P.S.—Haripal District—Hooghly

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		3·44	2·73	2·33	2·59	1·90	1·66	1·70	0·50
Output per acre in md.	Main Produce	173·32	140·96	144·17	119·63	134·66	169·22	149·85	137·44
	By product	(a)	(b)	(c)	(d)	(e)	(f)	(g)	—
Value (including by product) in Rs.		12133·46	8266·16	6280·19	6052·97	5514·27	5331·71	4487·18	1206·90
Family labour	M. D.	155·25	172·00	238·25	138·25	198·00	201·00	121·50	26·75
	W. D.	—	1·00	—	3·75	1·75	—	—	—
	C. D.	8·75	19·25	28·00	16·25	9·25	2·75	15·25	—
Hired labour	M. D.	464·00	292·25	110·75	181·75	93·00	65·00	107·50	24·00
	W. D.	129·00	82·00	36·75	94·00	11·00	55·00	25·00	5·00
	C. D.	12·25	-	1·25	—	—	—	1·00	1·00
Bullock labour days (owned and hired)		147·50	97·50	75·00	121·50	73·50	78·50	71·00	15·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	85·64	123·97	201·03	107·95	199·99	227·60	141·68	99·94
	Hired	296·40	251·77	124·35	204·44	105·90	141·52	151·10	112·94
Bullock labour		114·57	137·14	93·43	97·81	175·78	141·76	156·99	345·06
Implement		7·09	7·22	5·72	7·58	5·55	7·67	7·72	14·69
Irrigation rates		4·66	3·59	3·19	3·91	4·50	1·70	4·16	—
Rent		4·86	4·21	3·74	5·34	7·44	2·06	5·22	5·13
Rent in kind		22·24	54·00	155·89	—	—	197·79	—	—
Miscellaneous		98·97	39·30	49·24	11·36	52·65	15·61	8·56	2·24
Interest on capital		76·95	67·44	66·08	84·62	85·33	38·39	91·53	58·56
Seeds		591·18	590·66	509·55	523·90	542·03	568·34	620·29	560·50
Market charges		6·18	2·29	5·54	0·56	2·28	0·97	0·44	—
Fertilisers		526·57	554·67	360·55	347·99	402·81	354·80	271·49	227·32
Management		246·90	211·95	188·68	163·59	203·16	224·83	184·77	168·97
	Total	2082·21	2048·21	1766·99	1559·05	1787·42	1923·04	1643·95	1595·35
	Value of by product per acre	566·31	625·69	276·58	199·63	597·46	305·44	17·65	—
Cost per maund		**8·75**	**10·09**	**10·34**	**11·36**	**8·84**	**9·56**	**10·85**	**11·61**

(a) Cucumbor, Bittergourd, Pumpkin, Brinjal, Cauliflower and Cabbage (b) Cucumber, Bittergourd, Pumpkin, Brinjal and Cauliflower, (c) Cucumber, Bittergourd and Pumpkin (d) Cucumber, Bittergourd, Pumpkin and Brinjal (e) Cucumber, Pumpkin, Brinjal, Cauliflower, Cabbage and Tomato (f) Cucumber, Bittergourd, Pumpkin, Cauliflower, Cabbage (g) Pumpkin.

Vill—Abinashpur Block—Suri-II P.S.—Suri District—Birbhum

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·15	0·30	0·12	0·19	0·18	0·17	0 32	0·21
Output per acre in md.	Main Produce	91·67	96·23	55·17 (a)	94·74	81·94	98·06	96·87	57·14
	By product	—	—	—	(b)	—	—	(c)	(d)
Value (including by product) in Rs.		225·23	490 29	113·60	392·38	253·11	286·06	542·51	265·68
Family labour	M. D.	10·00	19·75	8·25	1·00	2 25	3·00	—	—
	W. D.	—	—	3·50	—	1·00	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	9·50	16·75	—	25·25	15·25	14·75	41·25	50·25
	W. D.	—	—	—	—	—	—	4·00	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		6·50	9·00	3·50	11·50	11·00	6·00	8·50	20·50
EXPENDITURE PER ACRE IN RUPEES									
Human Labour	Family	105 93	102·57	132·75	8·42	26·22	26·47	—	—
	Hired	197·80	75·87	—	252·05	96·50	205·71	385·28	431·05
Bullock labour		142·53	67·20	60 08	143·47	108·17	82·59	71·44	279·19
Implement		3·72	8·67	0·92	0 58	0·36	1·53	5·66	3·37
Irrigation rates		2·86	2·67	—	1·35	4·17	8·82	3·03	2·94
Rent		2·88	2·62	0·69	5·24	0·56	1·00	3·04	1·72
Rent in kind		—	63·68	—	159·31	171·63	—	—	117·69
Miscellaneous		4·07	5·97	5·08	7·16	6·56	5·29	6·50	9·67
Interest on capital		134 18	100·34	42·18	56·31	35·27	63 47	144·38	78·55
Seeds		187·93	171·10	250·75	243·74	188·22	253·65	167·34	192 00
Market charges		—	—	—	—	—	—	—	—
Fertilisers		227·33	185·83	111·00	168·16	181·11	172·24	129 91	297·19
Management		105·11	114·40	66·27	144·56	98·43	117·79	118·67	88·56
Total		1114·34	900·92	669·72	1190·35	917·20	938·56	1035·25	1501·93
Value of by product per acre		—	—	—	439·47	—	—	183·59	228·57
Cost per maund		12·16	9 36	12·14	7·92	11·19	9·57	8 79	22·28

(a) Potato crop was partly stolen from the field. (b) Pumpkin—27·37 mds. per acre, Bittergourd—2·63 mds. per acre, Cucumber—10·53 mds. per acre, Spongegourd—2·63 mds. per acre. (c) Pumpkin—18·34 mds. pes acre, (d) Pumpkin—14·29 mds. per acre Spongegourd—2·38 mds. per acre, Cucumber—3·57 mds. per acre. In such cases, the minor crops were treated as by products to find out the cost per mds. of Pototo,

Vill—Nanoor Block—Nanoor P.S.—Nanoor District—Birbhum

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·20	0·20	0·14	0·20	0·19	0·14	0·20	0·40
Output per acre in md.	Main Produce	75·00	75·00	85·71	80·00	84·21	78·64	70·00	85·00
	By product (Pumpkin)	—	—	75·00	—	—	—	—	16·25
Value (including by product) in Rs.		244·50	244·50	274·35	260·80	260·80	179·30	228·65	619·20
Family labour	M. D.	19·00	2·50	11·50	9·00	20·75	9·00	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	9·50	27·50	14·50	15·25	4·00	16·00	20·75	41·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		4·00	16·00	5·00	14·00	5 00	7·00	5·00	11·00
					EXPENDITURE PER ACRE IN RUPEES				
Human labour	Family	225·85	28·75	191·43	105·25	256·26	157·07	—	—
	Hired	107·50	303·65	223·57	164·40	52·63	245·86	330·85	313·30
Bullock labour		82·00	356·00	111·79	239·40	90·79	151·50	71·00	82·50
Implement		6·16	9·64	7·67	5·91	4·30	5·69	4·51	5·52
Irrigation rates		—	—	—	—	—	—	—	—
Rent		1·46	3·26	2·75	4·51	4·85	4·53	4·00	3·11
Rent in kind		144·89	—	—	—	—	—	—	—
Miscellaneous		28·65	28·65	40·93	28·65	23·63	40·93	28·65	14·27
Interest on capital		54·27	91·18	85·71	104·53	96·98	111·44	110·62	124·82
Seeds		329·00	319·60	460·14	329·00	336·42	456·57	288·20	306·75
Market charges		—	—	—	—	—	—	—	—
Fertilisers		225·40	190·00	322·07	225·40	206·53	322·00	181·20	172·35
Management		85·58	85·50	137·17	91·28	96·08	89·65	80·03	108·36
Total		1290·76	1416·23	1583·23	1298·33	1168·47	1585·24	1099·06	1130·98
Value of by product per acre		—	—	562·50	—	—	—	—	162·50
Cost per maund		**17·21**	**18·88**	**11·91**	**16·23**	**13 88**	**20·16**	**15·70**	**11·39**

Note : Potato was mainly produced along with Pumpkin. To find out the cost per md. Pumpkin was treated as by product.

Vill—Kalikapur Block—Mayureswar-II P.S.—Mayureswar District—Birbhum

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0 57	0·75	0·88	1·21	1·27	1·62	1 53	2·00
Output per acre in md.	Main Produce	153·77	128·00	172·73	141·12	107·81	119·44	125·34	98·66
	By product*	14·03	2·67	24·43	7·02	20·87	9·63	16·99	6·00
Value (including by product) in Rs.		1130·41	1294·38	2731·21	2462·11	2008·02	2981·81	3293·41	2869·05
Family labour	M. D.	90·75	33·25	84·25	65·25	132·50	—	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	3·50	—	—	—	—	—
Hired labour	M .D.	12·50	70·00	39-50	112·50	127·75	201·00	310·75	335·00
	W. D.	—	—	3·75	—	—	3·50	4·25	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		32·50	35·50	37·00	78·00	106·50	82·00	115·50	126·00
		EXPENDITURE PER ACRE IN RUPEES							
Human Labour	Family	271·40	75·73	166·79	92·52	180·65	—	—	—
	Hired	34·42	294·72	75·53	280·10	200·12	389·47	393·41	324 32
Bullock labour		223·51	182·71	173·65	175 52	259·69	186·78	226·47	181·44
Implement		14·61	9·91	11·02	13·57	13·60	10·42	13·40	6·48
Irrigation rates		—	—	—	—	—	—	—	—
Rent		4·80	3·70	6·27	3·71	4·09	6·17	4·84	4·99
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		35·60	22·88	34·77	21·59	16·52	24·72	29·83	13·94
Interest on capital		128·41	93·28	135·14	87·39	105·80	131·05	126·72	127·20
Seeds		360·07	284·00	280·85	240·28	275·20	289·35	396·08	321·69
Market charges		14·37	5·00	—	2·67	7·96	0·30	3·27	3·31
Fertilisers		224·49	335·65	437·69	254·45	343·13	290·83	281·88	237·24
Management		138·82	120·81	217·26	142·44	110·68	128·84	150·68	100·42
Total		1450·50	1428·39	1538·97	1314·24	1517·44	1457·93	1626·58	1321·03
Value of by product per acre		98·25	18·67	171·87	49·17	133·58	67·41	109·99	42·00
Cost per maund		**8·79**	**11·01**	**7·91**	**8·96**	**12·84**	**11·64**	**12·10**	**12·96**

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* Potato was mainly produced along with Pumpkin. To find out the cost per md. of Potato, Pumpkin was treated as a by product.

Village—Anarbaria Block—Habra-I P.S.—Habra District—24-Paragans

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·61	0·85	0·10	0·37	0·12	0·25	0·34	0·33
Output per acre in md.	Main Produce	141·23	93·71	128·40	146·08	101·33	124·32	102·53	130·24
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		1243·43	1083·76	154·10	685·21	132·23	379·92	493·33	663·49
Family labour	M. D.	72·00	88·50	17·75	52·25	5·50	7·00	27·75	9·00
	W. D.	1·00	1·00	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	45·00	54·25	9·00	21·00	10·50	38·50	35·75	60·00
	W.D.	—	—	—	—	—	—	—	—
	C. D.	—	26·00	8·00	10·00	—	2·00	—	—
Bullock labour days (owned and hired)		48·50	51·00	6·50	21·50	5·50	7·00	22·50	19·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	251·98	219·34	364·60	301·78	100·58	57·92	173·03	58·09
	Hired	150·82	163·74	260·20	142·95	169·75	324·20	199·47	340·33
Bullock labour		161·41	131·40	186·50	113·89	99·42	53·48	145·59	51·51
Implement		2·12	2·55	0·77	2·20	0·58	2·42	5·64	2·03
Irrigation rates		19·05	15·00	45·00	22·70	27·50	19·80	15·44	12·61
Rent		3·84	3·48	4·63	3·83	4·36	3·66	3·41	2·53
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		44·87	25·01	33·50	8·57	25·42	38·84	38·47	34·76
Interest on capital		69·20	56·72	74·87	59·68	60·86	66·07	54·83	44·78
Seeds		554·75	364·24	564·00	571·62	564·00	545·20	552·92	564·00
Market charges		11·07	6·84	—	3·30	—	—	13·68	10·61
Fertilisers		273·05	266·45	283·20	295·14	284·25	283·20	283·23	282·67
Management		142·69	89·25	107·87	129·63	77·13	106·38	101·57	140·74
Total		1684·85	1344·02	1925·14	1655·29	1413·85	1501·17	1587·28	1544·66
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		11·93	14·34	14·99	11·33	13·95	12·08	15·48	11·86

Note : The price of seed was very high in this village.

Village—Mandalpara Block—Habra-II P.S.—Habra District—24 Parganas

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0 33	0·10	0·37	0·25	0·35	0·30	0 36	0·24
Output per acre in md.	Main Produce	66·67	70·00	62·14	90·36	65·06	49·73	60·06	44·58
	By product	—	—	-	—	—	—	—	—
Value (including by product) in Rs.		351·47	115·98	372·44	405·28	396·63	249·76	362·24	187·44
Family labour	M. D.	36·00	7·75	16·75	32·25	47·00	18·50	16·75	24·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	3 50	—	—	13·75	—
Hired labour	M. D.	7·50	13·50	28 75	4·00	19·00	20·00	24·50	11·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	2 00	2·00	1·00	3·00	—	2·00	3·25	—
Bullock labour days (owned and hired)		11·50	12·00	18·00	13·50	29·50	14 50	15·50	8·00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	229·39	160·20	95·49	286·48	284·74	132·20	143·30	216·58
	Hired	54·22	331·10	136·84	48·96	113·06	146·83	139·22	92 04
Bullock labour		64·03	356·40	142·30	110·48	199·71	187·03	133·11	92·33
Implement		1·37	1·51	1·55	1·36	2·00	4·65	1·26	3·23
Irrigation rates		15·00	15·00	15·00	15·00	15·00	15·00	—	15·00
Rent		3·43	2·42	4·79	2·80	4·45	3·61	2·70	4·06
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		27·21	40·50	20·49	27·56	15·66	21·93	22·08	23·87
Interest on capital		114·84	106·45	117·47	93·96	103·36	108·79	82·68	67·58
Seeds		327·58	376·00	408·86	357·08	411·03	209·33	470·00	489·58
Market charges		1·64	0 60	1·08	—	1·03	—	1·17	0·25
Fertilisers		207·42	240·50	261·19	155·40	208·71	111·00	298·06	292·92
Management		74 55	81·20	70·46	113·48	79·31	58·27	70 44	54·67
Total		1120 68	1711·88	1275·52	1212·56	1438·06	998·64	1364·02	1352·11
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		**16·81**	**24·46**	**20·53**	**13·42**	**22 10**	**20 08**	**22 71**	**30 33**

Note : The general yield level was very low. This was due to use of bad quality of seeds and also due to attack of blight during the growing period.

Vill—Tegharia Block—Baraset-II P.S.—Baraset District—24 Parganas

Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·52	0·52	0·45	0·41	0·57	0·71	0·50	0·40
Output per acre in md.	Main Produce	134·85	115·62	121·67	137·49	125·00	94·53	143·00	110·30
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		1098·58	906·18	806·11	869·85	1032·57	985·02	1092·87	641·92
Family labour	M. D.	16·75	23·75	61·50	8·50	45·50	25·00	50·50	13·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	1·00
Hired labour	M. D.	99·00	79·75	32·00	111·50	48·50	58·00	44·00	79·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	2·00	19·00	—	2·00	17·00	31·75	2·00	2·00
Bullock labour days (owned and hired)		25·50	29·00	21·50	20·00	25·50	27·50	27·50	24·00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	57·67	80·01	244·40	36·24	141·84	62·40	179·92	61·45
	Hired	371·27	308·28	131·71	498·93	188·15	202·95	155·06	372·78
Bullock labour		121·11	132·73	106·53	121·95	103·14	68·94	118·80	154·80
Implement		32·54	1·02	1·67	0·93	2·05	0·86	2·38	1·00
Irrigation rates		—	—	—	—	—	—	—	—
Rent		4·34	7·08	7·34	6·00	3·75	5·14	3·07	7·56
Rent in kind		—	—	—	—	—	—	138·38	—
Miscellaneous		40·10	38·33	44·38	48·15	39·42	16·27	42·02	42·18
Interest on capital		108·70	82·40	80·74	96·53	103·52	103·56	78·53	106·05
Seeds		451·92	481·06	436·44	441·83	440·35	474·65	459·10	610·75
Market charges		—	1·44	0·82	—	2·33	1·79	3·14	3·65
Fertilisers		411·40	391·62	338·60	330·34	306·89	338·63	345·84	331·50
Management		147·88	121·98	125·39	148·51	126·81	97·11	153·00	112·33
Total		1746·93	1645·95	1518·02	1729·41	1458·25	1372·30	1679·24	1804·05
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		**12·95**	**14·24**	**12·48**	**12·58**	**11·67**	**14·52**	**11·74**	**16·36**

* High cost was due to resowing.

Vill—Baincha Block—Santipur P.S.—Santipur District—Nadia
Crop—Potato Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	—	0·33	-	-	0·16	—
Output per acre in md.	Main Produce	—	—	—	27·52	—	—	31·31	—
	By product	-	—	-	—	-	—	—	—
Value (including by product) in Rs.		-	—	—	151·65	—	—	84·15	—
Family labour	M. D.	—	-	—	18·50	—	—	9·25	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	-	—	—	30·00	—	—	8·00	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		-	—	-	14·00	—	—	11·50	—
				EXPENDITURE PER ACRE IN RUPEES					
Human labour	Family	—	-	—	98·48	—	—	92·94	—
	Hired	—	—	—	188·58	—	—	99·88	—
Bullock labour		—	—	—	57·67	—	—	120 75	—
Implement		—	-	—	2·55	—	—	6·92	—
Irrigation rates		—	—	—	11·43	—	—	13·65	—
Rent		—	—	—	2·01	—	—	1·19	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		—	—	—	2·54	—	—	—	—
Interest on capital		—	—	—	25·14	—	—	25·90	—
Seeds		—	—	—	427·27	—	—	440·62	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	-	—	173·09	—	—	178·50	—
Management		—	-	—	32·17	—	—	36·82	—
Total		—	—	—	1020·93	—	—	1017·17	—
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		—	—	—	**37·10**	—	—	**32·49**	—

Note : The soil was not suitable for the cultivation of this crop, So the yield was poor and cost per md. was high.

Village—Joteram Block—Burdwan Sadar P.S.—Burdwan District—Burdwan
Crop—Wheat Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·19	—	0·32	—	-	0·33	0·39	—
Output per acre in md.	Main Produce	10·58	-	(a)	—	—	7·27	(b) 5·00	—
	By product	—	—	—	—	-	—	—	—
Value (including by product) in Rs.		46·67	—	—	—	—	55·73	45·28	—
Family labour	M. D.	10·25	—	—	—	—	0·75	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	—	—	5·50	—	—	13·50	14·75	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		6·00	—	8·00	—	—	9·00	6·00	—
				EXPENDITURE PER ACRE IN RUPEES					
Human labour	Family	107·89	—	—	—	—	4·54	—	—
	Hired	—	—	30·16	—	—	66·79	64·97	—
Bullock labour		170·21	—	95·00	—	—	73·36	48·31	—
Implement		5·73	—	7·00	—	—	6·30	4·47	—
Irrigation rates		5·32	—	1·92	—	—	4·99	5·65	—
Rent		5·00	—	2·09	—	—	2·95	5·82	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		99·62	—	50·58	—	—	83·11	132·67	—
Seeds		17·74	—	21·07	—	—	24·85	14·41	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		57·16	—	108·56	—	—	113·42	217·82	—
Management		17·21	—	—	—	—	11·82	8·13	—
Total		485·88	—	316·40	—	—	392·13	502·25	—
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		**45·92**	—	—	—	—	**53·94**	**100·45**	—

(a) Crop was totally damaged.
(b) Crop was partially damaged.

Village—Chaknara Block—Memari-I P.S.—Memari District—Burdwan

Crop—Wheat Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·10	0·26	0·42	0·53	—	0·28	0·92	0·49
Output per acre in md.	Main Produce	20·10	19·15	15·00	10·41	—	25·07	13·10	16·67
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		50·25	107·74	157·50	138·00	—	175·50	301·25	204·25
Family labour	M. D.	7·25	7·00	4·75	11·50	—	11·00	32·25	0·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	2·00	11·00	24·25	20·50	—	10·00	29·00	36·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		3 00	6·00	7·00	7·00	—	5·00	27·00	10·00

EXPENDITURE PER ACRE IN RUPEES

		I	II	III	IV	V	VI	VII	VIII
Human Labour	Family	134·70	49·38	20·83	40·34	—	75·25	67·40	1·06
	Hired	37·40	75·00	99·55	66·72	—	58 64	47·69	122·75
Bullock labour		116·10	23·08	41·10	36·72	—	54·46	105·36	60·20
Implement		17·18	5·27	6·27	4·79	—	6·69	2·90	4·74
Irrigation rates		2·67	4·68	3·44	3·91	—	3·82	3·70	6·03
Rent		1·15	6·41	3·28	3·70	—	3·74	4·20	5·62
Rent in kind		—	—	—	—	—	59·82	54 62	—
Miscellaneous		1·11	—	0·20	0·38	—	0·38	—	—
Interest on capital		41·34	101·20	58·48	85·23	—	92·58	70·61	103·74
Seeds		10·80	17·23	16·00	10 57	—	14·00	12·65	12·57
Market charges		—	—	—	—	—	—	—	—
Fertilisers		202·70	—	129·90	143·06	—	92·93	50·48	108·37
Management		35·18	29·01	26·25	18·23	—	43·87	22·92	29·18
	Total	600·33	311·26	405·30	413·65	—	506·18	442·53	454·26
	Value of by product per acre	—	—	—	—	—	—	—	—
Cost per maund		**29·87**	**16 25**	**27·02**	**39·74**	—	**20·19**	**33·78**	**27·25**

Vill—Mandalhat Block—Katwa-I P.S.—Katwa District—Burdwan

Crop—Wheat Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	—	—	—	0·16	—	—	—
Output per acre in md.	Main Produce	—	—	—	—	4·18	—	—	—
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		—	—	—	—	14·00	—	—	—
Family labour	M. D.	—	—	—	—	5·25	—	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	—	—	—	—	—	—	—	—
	W.D.	—	—	—	—	—	--	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	—	—	—	5·00	—	—	—

EXPENDITURE PER ACRE IN RUPEES

		I	II	III	IV	V	VI	VII	VIII
Human labour	Family	—	—	—	—	69·07	—	—	—
	Hired	—	—	—	—	—	—	—	—
Bullock labour		—	—	—	—	112·50	—	—	—
Implement		—	—	—	—	7·48	—	—	—
Irrigation rates		—	—	—	—	—	—	—	—
Rent		—	—	—	—	2 82	—	—	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		—	—	—	—	67·20	—	—	—
Seeds		—	—	—	—	8·75	—	—	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	—	—	—	—	—	—	—
Management		—	—	—	—	6·12	—	--	—
	Total	—	—	—	—	273·94	—	—	—
	Value of by product per acre	—	—	—	—	—	—	—	—
Cost per maund		—	—	—	—	**65 54***	—	—	—

* Cost per md. was high due to poor yield of the crop.

Vill—Abinashpur **Block—Suri-II** **P.S.—Suri** **District—Birbhum**

Crop—Wheat **Year—1964-65** **Treatment—Investment & Advice**

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·20	0·45	—	0·55	—	—	0·34	0·13
Output per acre in md.	Main Produce	6·25	4·71	—	5·22	—	—	6·76	6·15
	By product	9·35	7·06	—	10·51	—	—	6·76	7·69
Value (including by product) in Rs.		29·21	49·12	—	70·90	—	—	50·76	17·93
Family labour	M. D.	3·50	4·75	—	2·50	—	—	—	0·25
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	1·25	3·25	—	7·00	—	—	10·50	4·75
	W. D.	—	—	—	—	—	—	0·50	0·50
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		3·00	5·50	—	9·00	—	—	10·50	4·00
		EXPENDITURE PER ACRE IN RUPEES							
Human Labour	Family	28·45	16·58	—	7·00	—	—	—	2·85
	Hired	19·50	9·71	—	22·45	—	—	89·94	82·93
Bullock labour		49·35	27·38	—	38·78	—	—	83·06	88·00
Implement		3·72	8·67	—	0·58	—	—	5·66	3·37
Irrigation rates		2·86	2·67	—	1·35	—	—	3·03	2·94
Rent		2·88	2·62	—	5·24	—	—	3·04	1·72
Rent in kind		—	—	—	159·31	—	—	—	117·69
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		134·18	100·34	—	56·31	—	—	144·38	78·55
Seeds		31·60	31·60	—	30·55	—	—	34·41	11·54
Market charges		—	—	—	—	—	—	—	—
Fertilisers		33·75	22·49	—	66·91*	—	—	39·71	—
Management		10·22	7·64	—	9·02	—	—	10·45	9·65
Total		316·51	229·70	—	397·50	—	—	413·68	399·24
Value of by product per acre		28·10	21·24	—	31·55	—	—	20·29	23·08
Cost per maund		**46·14**	**44·26**	—	**70·10**	—	—	**58·19**	**61·16**

Note : Generally the yield of the crop was low due to unsuitable soil condition and difficulty in supply of required irrigation water. For farms no. II & VIII, Aus crop was followed by Wheat, since the plots under cultivation were very fertile.

* Farm No. IV used purchased mustard oil cakes, hence the fertiliser cost was high.

Village—Nanoor Block—Nanoor P.S.—Nanoor District—Birbhum

Crop—Wheat Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·36	0·25	0·24	0·46	0·27	0·20	0·25	0·33
Output per acre in md.	Main Produce	8·67	10·00	11·96	3·52	8·78	14·75	12·00	9·09
	By product	11·11	12·48	15·62	4·07	12·48	18·75	10·00	11·36
Value (including by product) in Rs.		86·47	72·69	83·62	46·95	69·33	85·85	83·16	87·24
Family labour	M. D.	8·50	—	6·00	6·50	15·00	5·25	—	—
	W. D.	—	—	—	—	0·50	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	1·00	13·50	10·00	7·50	—	8·00	13·00	14·00
	W. D.	—	0·25	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		6·00	6·50	6·00	7·00	7·50	8·50	6·00	7·00
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	48·94	—	60·58	34·07	127·71	54·05	—	—
	Hired	5·56	118·72	88·75	35·70	—	80·65	165·80	128·12
Bullock labour		68·33	119·68	78·25	52·04	95·81	128·75	68·16	63·64
Implement		6·16	9·64	7·67	5·91	4·30	5·69	4·51	5·52
Irrigation rates		—	—	—	—	—	—	—	—
Rent		1·46	3·26	2·75	4·51	4·85	4·53	4·00	3·11
Rent in kind		144·89	—	42·49	—	—	—	—	—
Miscellaneous		—	—	—	-	—	—	—	—
Interest on capital		54·27	91·18	85·71	104·53	96·98	111·44	110·62	124·82
Seeds		13·77	20·00	23·33	14·09	14·93	21·70	22·48	13·64
Market charges		—	—	—	—	—	—	-	—
Fertilisers		31·25	31·52	73·42	19·65	25·15	50·60	40·68	34·09
Management		16·81	20·35	24·39	7·14	17·97	30·05	23·28	18·50
	Total	391·44	414·35	487·34	277·64	387·70	487·46	439·53	391·44
	Value of by product per acre	11·11	12·46	15·62	4·07	12·48	18·75	10·00	11·36
Cost per maund		**43·87**	**40·19**	**39·44**	**77·72**	**42·74**	**31·78**	**35·79**	**41·81**

* Crop was partly damaged and hence the cost per md. was high.

Note : Seed cost varied because of quality, quantity and price of seeds.

Village—Kalikapur Block—Mayureswar-II P.S.—Mayureswar District—Birbhum

Crop—Wheat Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·12	0·38	—	—	0·26	—	0·22	0·40
Output per acre in md.	Main Produce	7·50	9·21	—	—	6·23	—	(a) 3·73	4·05
	By product	4·17	13·82	—	—	2·38	—	4·55	(b)
Value (including by product) in Rs.		19·25	86·04	—	—	34·67	—	19·00	33·23
Family labour	M. D.	10·00	6·00	—	—	6·50	—	—	—
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M .D.	—	10·50	—	—	5·25	—	11·25	17·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		2·50	6·50	—	—	6·00	—	5·50	3·00
		EXPENDITURE PER ACRE IN RUPEES							
Human Labour	Family	145·75	27·26	—	—	43·73	—	-	—
	Hired	—	80·45	—	—	40·65	—	131·91	74·07
Bullock labour		81·67	66·03	—	—	71·54	—	75·00	21·60
Implement		14·61	9·91	—	—	13·60	—	13·40	6·48
Irrigation rates		—	—	—	—	—	—	—	—
Rent		4·80	3·70	—	—	4·09	—	4·84	4·99
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		128·41	93·28	—	—	105·80	—	126·72	127·20
Seeds		31·25	16·76	—	—	18·73	—	27·27	18·75
Market charges		—	—	—	—	—	—	—	—
Fertilisers		51·25	32·47	—	—	23·27	—	62·09	13·62
Management		11·23	15·85	—	—	9·33	—	6·04	5·82
	Total	468·97	345·71	—	—	330·74	—	447·27	272·53
	Value of by product per acre	10·42	34·53	—	—	5·96	—	11·36	—
Cost per maund		**61·14**	**33·79**	—	—	**52·13**	—	**116·86**	**67·29**

(a) Crop was partly damaged by cattle hence cost per md. of the crop was absormally high.

(b) By product was entirely damaged.

Vill—Anarbaria **Block—Habra-I** **P.S.—Habra** **District—24-Paragans**

Crop—Wheat **Year—1964-65** **Treatment—Investment &Advice**

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·36	0·30	0·33	—	—	0·25	—	0·20
Output per acre in md.	Main Produce	4·50	10·80	8·42	—	—	8·88	—	11·25
	By product	—	—	—	—	—	—	—	—
Value (including by product) in Rs.		33·00	66·00	56·56	—	—	34·41	—	49·50
Family labour	M. D.	13·50	5·00	7·75	—	—	1·75	—	1·00
	W. D.	—	—	0·25	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	4·00	4·00	6·00	—	—	7·75	—	4·75
	W.D.	—	—	—	—	—	--	—	—
	C. D.	—	1·00	1·00	—	—	—	—	—
Bullock labour days (owned and hired)		13·00	9·50	8·50	—	—	7·00	—	5·50
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	81·56	36·53	50·57	—	—	14·28	—	10·65
	Hired	21·31	26·77	34·60	—	—	58·28	—	45·15
Bullock labour		73·31	69·37	73·91	—	—	53·48	—	22·50
Implement		2·12	2·55	0·77	—	—	2·42	—	2·03
Irrigation rates		12·50	30·00	15·91	—	—	38·40	—	—
Rent		3·84	3·48	4·63	—	—	3·66	—	2·53
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		2·91	2·66	5·73	—	—	3·33	—	0·96
Interest on capital		69·20	56·72	74·87	—	—	66·07	—	44·78
Seeds		21·00	19·80	19·64	—	—	38·88	—	24·30
Market charges		—	—	—	—	—	—	—	—
Fertilisers		48·08	51·00	48·36	—	—	43·68	—	54·00
Management		6·42	15·40	12·00	—	—	9·63	—	17·32
Total		342·25	314·28	340·99	—	—	332·11	—	225·22
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		**76·06**	**29·10**	**40·50**	—	—	**37·40**	—	**20·02**

* Cost per md. was abnormally high because the yield of crop was damaged mostly by insect and cattle.

Vill—Mandalpara Block—Habra-II P.S.—Habra District—24 Parganas

Crop—Wheat Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·17	0·35	0·31	0·73	0·16	0·50	0·34	0·09
Output per acre in md.	Main Produce	9·53	6·43	9·77	9·26	6·75	10·80	3·97	6·00
	By product	—	—	-	—	—	—	—	—
Value (including by product) in Rs.		42·00	60·20	78·40	175·00	28·00	145·82	35·00	14·00
Family labour	M. D.	8·00	13·75	1·25	21·75	7·25	10·25	5·75	2·25
	W. D.	—	—	—	0·25	—	2·25	—	1·00
	C. D.	—	—	—	2·00	—	—	7·50	—
Hired labour	M. D.	—	11·00	5·50	4·00	—	5·00	2·00	2·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		8·00	4·00	6·00	23·00	6·00	8·50	16·50	1·00
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	100·59	81·97	33·00	65·77	100·50	51·74	60·86	71·77
	Hired	—	62·71	30·68	11·62	—	21·20	5·88	33·33
Bullock labour		96·00	33·94	35·16	52·90	102·37	65·78	165·97	30·78
Implement		1·37	1·51	1·55	1·36	2·00	4·65	1·26	3·23
Irrigation rates		15·00	17·14	15·00	15·00	15·00	15·00	14·56	15·00
Rent		3·43	2 42	4·79	2·80	4·45	3·61	2·70	4·06
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		6·18	5·46	0·88	3·57	2·58	5·46	3·80	0 25
Interest on capital		114·84	106·45	117·47	93·96	103·36	108·79	82·68	67·58
Seeds		19·06	20·80	25·29	17·70	24·50	19·04	23·06	24·89
Market charges		—	—	—	—	—	—	—	—
Fertilisers		26 06	28·86	8·00	21·18	33·50	24·44	25·74	41·00
Management		17·29	12·03	17·71	16·78	12·25	20 42	7·20	10·89
Total		399·82	373·29	289·53	302·64	400·51	340·13	393·71	302·78
Value of by product per acre		—	—	—	—	—	—	—	—
Cost per maund		**41·95**	**58·05**	**29·63**	**32 68**	**59 33**	**31 49**	**99 17***	**50 46**

* Cost per md was abnormally high because crop was partially damaged and also badly germineted.

Note : Human labour for farm No, I was high, because an unusual high number of ploughings and ladderings were done.

Village—Tegharia Block—Baraset-II P.S.—Baraset District—24-Paragans

Crop—Wheat Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		0·10	0·12	0·12	—	—	0·04	0·07	—
Output per acre in md.	Main Produce	(a) 6·20	10·42	12·50	—	—	13·75	16·00	—
	By product	10·00	16·67	16·67	—	—	25·00	28·57	—
Value (including by product) in Rs.		11·96	23·77	28·16	—	—	10·65	21·58	—
Family labour	M. D.	0·75	3·50	5·00	—	—	0·50	1·75	—
	W. D.	—	0·50	0·50	—	—	0·50	0·50	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	5·25	6·00	1·00	—	—	2·00	7·00	—
	W.D.	—	—	—	—	—	--	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		3·00	5·00	5·50	—	—	2·00	5·00	—
		EXPENDITURE PER ACRE IN RUPEES							
Human labour	Family	12·60	56·50	73·08	—	—	35·00	50·28	—
	Hired	106·60	89·25	15·33	—	—	89·00	176·14	—
Bullock labour		74·10	99·17	102·17	—	—	89·00	154·29	—
Implement		14·30	1·02	1·67	—	—	0·86	2·38	—
Irrigation rates		—	—	—	—	—	—	—	—
Rent		4·34	7·08	7·34	—	—	5·14	3·07	—
Rent in kind		—	—	—	—	—	—	—	—
Miscellaneous		4·90	2·36	2·16	—	—	3·14	4·22	—
Interest on capital		108·70	82·40	80·74	—	—	103·56	78·53	—
Seeds		16·20	(b) 22·50	(b) 22·50	—	—	27·00	(c) 38·57	—
Market charges		—	—	—	—	—	—	—	—
Fertilisers		68·00	75·33	69·33	—	—	100·50	114·00	—
Management		8·37	13·86	16·43	—	—	18·64	21·58	—
Total		418·11	449·47	390·75	—	—	471·84	643·06	—
Value of by product per acre		10·00	16·67	16·67	—	—	25·00	28·57	—
Cost per maund		**65·82**	**41·54**	**29·93**	—	—	**32·50**	**38·40**	—

(a) The crop was sown after the harvest of Aman paddy. There was also no irrigation facility. Hence yield was low.

(b) *High seed rate used (c) Cost was high due to resowing.

Note : Farm No. VII prepared his land thrice for growing the crop. Hence human labour cost was high.

Village—Baincha Block—Santipur P.S.—Santipur District—Nadia
Crop—Wheat Year—1964-65 Treatment—Investment & Advice

No. of holding		I	II	III	IV	V	VI	VII	VIII
Area under crop in acres		—	0·50	—	2·49	0·33	0·33	1·16	0·49
Output per acre in md.	Main Produce	—	6·44	—	6·03	6·48	4·88	7·40	6·57
	By product	—	9·64	—	9·04	4·88	7·30	11·09	9·84
Value (including by product) in Rs.		—	70·80	—	330·40	42·40	35·40	200·80	70·80
Family labour	M. D.	—	9·75	—	17·00	6·50	7·25	13·25	7·50
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Hired labour	M. D.	—	4·00	—	37·00	7·00	—	12·00	5·00
	W. D.	—	—	—	—	—	—	—	—
	C. D.	—	—	—	—	—	—	—	—
Bullock labour days (owned and hired)		—	18·00	—	48·00	18·00	5·50	14·00	11·50
EXPENDITURE PER ACRE IN RUPEES									
Human labour	Family	—	39·00	—	13·65	34·09	43·94	22·41	29·59
	Hired	—	21·00	—	30·92	35·58	—	20·90	15·51
Bullock labour		—	41·80	—	17·23	69·03	15·00	20 28	48·67
Implement		—	4·99	—	2·55	7·07	7·23	6·92	3·36
Irrigation rates		—	8·13	—	11·43	5·56	15·17	13·65	8 20
Rent		—	1·66	—	2·01	0·98	1·85	1·19	1·64
Rent in kind		—	—	—	—	108·09	—	—	—
Miscellaneous		—	—	—	—	—	—	—	—
Interest on capital		—	27·12	—	25·14	14·39	30·98	25·90	31·58
Seeds		—	15·50	—	18·03	20·36	16·97	21·72	15·82
Market charges		—	—	—	—	—	—	—	—
Fertilisers		—	22·08	—	29·00	11·15	11·15	32·12	22·53
Management		—	9·91	—	9·29	8·99	7·51	12·12	10·11
Total		—	191·19	—	159·25	315·29	149·80	177·21	187·01
Value of by product per acre		—	21·60	—	20·24	7·27	16·36	24·83	22·04
Cost per maund		—	**26·33**	—	**23·05**	**47·53**	**27·34**	**20 59**	**25·11**

Sl. No	Name of crop (Common English or local)	Botanical name
37.	Danta	Amaranthus sp. ,, tricolor ,, blitum
38.	Bitter gourd	Memordica charantia L
39.	Sponge gourd	Luffa acutangula Roxb
40.	Arum	Colocasia antiquorum
41.	Beet	Beta vulgaris L
42.	Spinach	Spinacia oberacea L
43.	Cucumber	Cucumis sativus L
44.	Puin	Basella rubra ,, alba
45.	Coriander	Coriandrum sativum L
46.	Chilli	Capsicum frutescents L
47.	Sunnhemp	Crotalaria juncea L
48.	Sweet potato (Ranga alu)	Ipomoea batatas Lamk
49.	Kunkur	Cucumis melo L var. utilissimus
50	Watermelon	Citrullus vulgaris
51.	Dhaincha	Sesbania aculeata L
52.	Ol	Amorphophallus campanulatus Blume
53.	Sankalu	Pachyrhizus erosus
54.	Tobacco	Nicotiana tabacam L
55.	Ginger	Zingibar officinale Rose
56.	Garlic	Allium sativum (L)